

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083836.D
 Acq On : 12 Sep 2024 17:05
 Operator : JC\MD
 Sample : VN0912WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD02

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 00:20:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	149376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111838	49.653	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.300%		
35) Dibromofluoromethane	8.165	113	80094	48.112	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.220%		
50) Toluene-d8	10.565	98	293199	50.946	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.900%		
62) 4-Bromofluorobenzene	12.847	95	118430	49.877	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.118	85	34654	19.976	ug/l	98
3) Chloromethane	2.359	50	35688	19.001	ug/l	95
4) Vinyl Chloride	2.512	62	37211	19.570	ug/l	94
5) Bromomethane	2.901	94	21080	19.309	ug/l	100
6) Chloroethane	3.059	64	25456	19.085	ug/l	95
7) Trichlorofluoromethane	3.459	101	63940	19.810	ug/l	98
8) Diethyl Ether	3.953	74	22474	20.772	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.348	101	35575	20.795	ug/l	97
10) Methyl Iodide	4.571	142	43571	20.025	ug/l	96
11) Tert butyl alcohol	5.547	59	42185	139.864	ug/l #	94
12) 1,1-Dichloroethene	4.318	96	33155	20.521	ug/l	93
13) Acrolein	4.171	56	33005	110.906	ug/l	100
14) Allyl chloride	5.012	41	58784	20.419	ug/l	96
15) Acrylonitrile	5.718	53	87337	106.477	ug/l	100
16) Acetone	4.430	43	80281	88.912	ug/l	99
17) Carbon Disulfide	4.695	76	80444	17.799	ug/l	98
18) Methyl Acetate	5.024	43	46971	24.003	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	119397	20.422	ug/l	100
20) Methylene Chloride	5.271	84	36584	19.800	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	32558	18.803	ug/l	91
22) Diisopropyl ether	6.671	45	123561	20.850	ug/l	99
23) Vinyl Acetate	6.600	43	467174	107.646	ug/l	99
24) 1,1-Dichloroethane	6.559	63	68630	20.101	ug/l	99
25) 2-Butanone	7.489	43	122289	103.045	ug/l	97
26) 2,2-Dichloropropane	7.483	77	61531	19.569	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	40641	19.772	ug/l	96
28) Bromochloromethane	7.812	49	28574	19.873	ug/l	94
29) Tetrahydrofuran	7.841	42	78942	112.498	ug/l	96
30) Chloroform	7.959	83	71650	19.767	ug/l	99
31) Cyclohexane	8.253	56	62100	19.076	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	66824	20.050	ug/l	97
36) 1,1-Dichloropropene	8.365	75	48203	19.237	ug/l	99
37) Ethyl Acetate	7.559	43	50975	22.412	ug/l	98
38) Carbon Tetrachloride	8.359	117	56561	19.897	ug/l	92
39) Methylcyclohexane	9.594	83	52498	18.407	ug/l	99
40) Benzene	8.600	78	148173	19.647	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083836.D
 Acq On : 12 Sep 2024 17:05
 Operator : JC\MD
 Sample : VN0912WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD02

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 00:20:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28265	21.012	ug/l	99
42) 1,2-Dichloroethane	8.665	62	59269	21.031	ug/l	99
43) Isopropyl Acetate	8.688	43	153525	37.249	ug/l #	84
44) Trichloroethene	9.353	130	33303	19.069	ug/l	99
45) 1,2-Dichloropropane	9.618	63	37279	20.451	ug/l	98
46) Dibromomethane	9.706	93	25767	20.182	ug/l	98
47) Bromodichloromethane	9.888	83	56727	20.530	ug/l	97
48) Methyl methacrylate	9.682	41	43361	22.175	ug/l	99
49) 1,4-Dioxane	9.700	88	14242	442.738	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	248294	110.669	ug/l	97
52) Toluene	10.629	92	92499	20.051	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	56941	20.330	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	61698	20.971	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	34821	20.219	ug/l	97
56) Ethyl methacrylate	10.871	69	58644	22.132	ug/l	95
57) 1,3-Dichloropropane	11.165	76	60657	20.493	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	116019	121.519	ug/l	97
59) 2-Hexanone	11.194	43	183650	110.658	ug/l	97
60) Dibromochloromethane	11.359	129	39727	20.612	ug/l	98
61) 1,2-Dibromoethane	11.471	107	34116	19.863	ug/l	97
64) Tetrachloroethene	11.100	164	27575	17.782	ug/l	94
65) Chlorobenzene	11.894	112	96525	18.624	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	35578	19.802	ug/l	99
67) Ethyl Benzene	11.965	91	176881	19.212	ug/l	97
68) m/p-Xylenes	12.071	106	130670	38.228	ug/l	99
69) o-Xylene	12.400	106	63480	19.184	ug/l	98
70) Styrene	12.412	104	104143	19.177	ug/l	97
71) Bromoform	12.576	173	24337	20.101	ug/l #	96
73) Isopropylbenzene	12.694	105	165658	18.538	ug/l	100
74) N-amyl acetate	12.494	43	81014	21.249	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	50957	19.408	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	44336m	19.023	ug/l	
77) Bromobenzene	12.982	156	36786	17.102	ug/l	96
78) n-propylbenzene	13.035	91	185448	17.837	ug/l	99
79) 2-Chlorotoluene	13.123	91	119320	17.995	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	135518	17.988	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	17183	19.310	ug/l	91
82) 4-Chlorotoluene	13.223	91	118967	17.879	ug/l	99
83) tert-Butylbenzene	13.435	119	119708	18.161	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	138124	18.251	ug/l	99
85) sec-Butylbenzene	13.618	105	156934	17.953	ug/l	100
86) p-Isopropyltoluene	13.729	119	128943	17.596	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	68051	16.764	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	69459	16.898	ug/l	98
89) n-Butylbenzene	14.053	91	109998	16.719	ug/l	99
90) Hexachloroethane	14.335	117	25816	17.526	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	69124	17.644	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10792	20.620	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	34238	16.286	ug/l	99
94) Hexachlorobutadiene	15.506	225	14970	16.767	ug/l	98
95) Naphthalene	15.641	128	119821	18.733	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33666	16.756	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
Data File : VN083836.D
Acq On : 12 Sep 2024 17:05
Operator : JC\MD
Sample : VN0912WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 00:20:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

