

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084152.D
 Acq On : 25 Sep 2024 12:11
 Operator : JC\MD
 Sample : VN0925WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/26/2024
 Supervised By : Mahesh Dadoda 09/26/2024

Quant Time: Sep 26 01:31:55 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	8.223	168	169270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	257494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	124303	48.701	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.400%		
35) Dibromofluoromethane	8.171	113	95830	50.903	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.800%		
50) Toluene-d8	10.565	98	335942	51.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.240%		
62) 4-Bromofluorobenzene	12.847	95	127842	47.611	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	30562	15.547	ug/l	98
3) Chloromethane	2.365	50	34737	16.051	ug/l	96
4) Vinyl Chloride	2.518	62	35969	16.693	ug/l	97
5) Bromomethane	2.959	94	22900	18.510	ug/l	95
6) Chloroethane	3.118	64	24933	16.496	ug/l	100
7) Trichlorofluoromethane	3.500	101	63064	17.242	ug/l	96
8) Diethyl Ether	3.965	74	22847	18.635	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	36694	18.928	ug/l	98
10) Methyl Iodide	4.594	142	43957	17.828	ug/l	97
11) Tert butyl alcohol	5.530	59	33439	97.837	ug/l	100
12) 1,1-Dichloroethene	4.347	96	32425	17.711	ug/l	90
13) Acrolein	4.177	56	39390	116.806	ug/l	95
14) Allyl chloride	5.024	41	57436	17.606	ug/l	98
15) Acrylonitrile	5.718	53	97444	104.836	ug/l	99
16) Acetone	4.430	43	105329	102.943	ug/l	96
17) Carbon Disulfide	4.712	76	77809	15.193	ug/l	99
18) Methyl Acetate	5.024	43	50994	22.915	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	125882	19.001	ug/l	99
20) Methylene Chloride	5.277	84	39392	18.814	ug/l	98
21) trans-1,2-Dichloroethene	5.782	96	34547	17.607	ug/l	93
22) Diisopropyl ether	6.671	45	135073	20.113	ug/l	99
23) Vinyl Acetate	6.606	43	472957	96.171	ug/l	97
24) 1,1-Dichloroethane	6.565	63	75416	19.493	ug/l	99
25) 2-Butanone	7.482	43	138879	103.271	ug/l	99
26) 2,2-Dichloropropane	7.488	77	68303	19.170	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	45011	19.325	ug/l	98
28) Bromochloromethane	7.812	49	40391	24.790	ug/l	95
29) Tetrahydrofuran	7.841	42	84699	106.517	ug/l	95
30) Chloroform	7.965	83	78989	19.231	ug/l	100
31) Cyclohexane	8.253	56	58596	15.885	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	70342	18.625	ug/l	95
36) 1,1-Dichloropropene	8.376	75	50273	17.742	ug/l	99
37) Ethyl Acetate	7.559	43	52415	20.379	ug/l	98
38) Carbon Tetrachloride	8.359	117	57735	17.960	ug/l	95
39) Methylcyclohexane	9.600	83	51854	16.077	ug/l	98
40) Benzene	8.606	78	162861	19.095	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084152.D
 Acq On : 25 Sep 2024 12:11
 Operator : JC\MD
 Sample : VN0925WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/26/2024
 Supervised By : Mahesh Dadoda 09/26/2024

Quant Time: Sep 26 01:31:55 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	7.776	41	31151	20.477	ug/l	98
42) 1,2-Dichloroethane	8.671	62	58348	18.309	ug/l	99
43) Isopropyl Acetate	8.688	43	94655	20.308	ug/l	97
44) Trichloroethene	9.353	130	38201	19.342	ug/l	95
45) 1,2-Dichloropropane	9.618	63	41071	19.924	ug/l	93
46) Dibromomethane	9.706	93	29089	20.147	ug/l	99
47) Bromodichloromethane	9.888	83	63877	20.442	ug/l	96
48) Methyl methacrylate	9.682	41	44036	19.914	ug/l	98
49) 1,4-Dioxane	9.694	88	15407	423.528	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	278361	109.713	ug/l	98
52) Toluene	10.629	92	100771	19.317	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	61392	19.383	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	65632	19.727	ug/l	100
55) 1,1,2-Trichloroethane	11.017	97	39321	20.190	ug/l	96
56) Ethyl methacrylate	10.870	69	61299	20.457	ug/l	99
57) 1,3-Dichloropropane	11.164	76	67973	20.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	132430	122.656	ug/l	97
59) 2-Hexanone	11.194	43	206878	110.228	ug/l	99
60) Dibromochloromethane	11.359	129	44689	20.503	ug/l	98
61) 1,2-Dibromoethane	11.470	107	38012	19.570	ug/l	100
64) Tetrachloroethene	11.100	164	32105	18.749	ug/l	96
65) Chlorobenzene	11.894	112	109607	19.152	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	39021	19.668	ug/l	98
67) Ethyl Benzene	11.964	91	190921	18.780	ug/l	96
68) m/p-Xylenes	12.070	106	144394	38.256	ug/l	98
69) o-Xylene	12.400	106	69023	18.890	ug/l	100
70) Styrene	12.411	104	120686	20.126	ug/l	98
71) Bromoform	12.576	173	28918	21.630	ug/l #	95
73) Isopropylbenzene	12.694	105	180219	18.786	ug/l	99
74) N-amyl acetate	12.494	43	79359	19.389	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	55418	19.661	ug/l	94
76) 1,2,3-Trichloropropane	12.994	75	49181m	19.657	ug/l	
77) Bromobenzene	12.976	156	43449	18.816	ug/l	99
78) n-propylbenzene	13.035	91	217261	19.465	ug/l	99
79) 2-Chlorotoluene	13.123	91	138521	19.460	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	153635	18.996	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19577	20.493	ug/l	99
82) 4-Chlorotoluene	13.217	91	137683	19.274	ug/l	99
83) tert-Butylbenzene	13.435	119	132156	18.676	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	154908	19.067	ug/l	99
85) sec-Butylbenzene	13.617	105	184487	19.659	ug/l	99
86) p-Isopropyltoluene	13.729	119	153777	19.548	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	82918	19.027	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	80202	18.175	ug/l	98
89) n-Butylbenzene	14.058	91	135288	19.154	ug/l	98
90) Hexachloroethane	14.335	117	29995	18.968	ug/l	99
91) 1,2-Dichlorobenzene	14.105	146	76416	18.169	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11333	20.170	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	39666	17.575	ug/l	97
94) Hexachlorobutadiene	15.499	225	18607	19.413	ug/l	97
95) Naphthalene	15.641	128	120679	17.575	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	38707	17.945	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
Data File : VN084152.D
Acq On : 25 Sep 2024 12:11
Operator : JC\MD
Sample : VN0925WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

Quant Time: Sep 26 01:31:55 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

