

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084999.D
 Acq On : 21 Nov 2024 17:20
 Operator : JC\MD
 Sample : VN1121WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 04:36:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	138009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	233557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	207781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103882	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	104684	52.518	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.040%
35) Dibromofluoromethane	8.165	113	81197	51.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.720%
50) Toluene-d8	10.565	98	276774	47.527	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.847	95	111628	51.289	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.580%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	27887	17.578	ug/l	95
3) Chloromethane	2.359	50	29638	14.112	ug/l	96
4) Vinyl Chloride	2.506	62	29127	17.069	ug/l	95
5) Bromomethane	2.900	94	15792	17.467	ug/l	84
6) Chloroethane	3.077	64	20174	18.212	ug/l	98
7) Trichlorofluoromethane	3.471	101	52849	18.801	ug/l	95
8) Diethyl Ether	3.953	74	20877	21.054	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	31186	19.635	ug/l	99
10) Methyl Iodide	4.583	142	38973	18.359	ug/l	99
11) Tert butyl alcohol	5.536	59	37105	141.023	ug/l	97
12) 1,1-Dichloroethene	4.324	96	27613	17.570	ug/l	93
13) Acrolein	4.177	56	23591	89.916	ug/l	99
14) Allyl chloride	5.018	41	49617	19.467	ug/l	92
15) Acrylonitrile	5.718	53	89864	117.979	ug/l	99
16) Acetone	4.424	43	77510	133.282	ug/l	97
17) Carbon Disulfide	4.700	76	64909	13.411	ug/l	98
18) Methyl Acetate	5.018	43	50541	21.776	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	108026	22.425	ug/l	98
20) Methylene Chloride	5.265	84	35202	20.079	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	29581	18.330	ug/l	91
22) Diisopropyl ether	6.671	45	109284	21.579	ug/l	97
23) Vinyl Acetate	6.600	43	393881	112.778	ug/l	98
24) 1,1-Dichloroethane	6.559	63	61415	20.198	ug/l	97
25) 2-Butanone	7.482	43	121248	130.382	ug/l	97
26) 2,2-Dichloropropane	7.482	77	53525	20.225	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	38352	20.353	ug/l	95
28) Bromochloromethane	7.812	49	26997	22.286	ug/l	95
29) Tetrahydrofuran	7.841	42	76451	123.920	ug/l	97
30) Chloroform	7.959	83	66231	21.401	ug/l	93
31) Cyclohexane	8.253	56	46156	16.772	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	58498	20.768	ug/l	94
36) 1,1-Dichloropropene	8.365	75	40212	18.341	ug/l	98
37) Ethyl Acetate	7.559	43	49202	24.734	ug/l	99
38) Carbon Tetrachloride	8.359	117	48836	19.928	ug/l	99
39) Methylcyclohexane	9.600	83	39783	17.836	ug/l	97
40) Benzene	8.600	78	136317	19.360	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084999.D
 Acq On : 21 Nov 2024 17:20
 Operator : JC\MD
 Sample : VN1121WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBSD02

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 04:36:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25461	23.801	ug/l	94
42) 1,2-Dichloroethane	8.671	62	49280	21.611	ug/l	99
43) Isopropyl Acetate	8.688	43	87879	23.399	ug/l	98
44) Trichloroethene	9.353	130	31053	19.123	ug/l	90
45) 1,2-Dichloropropane	9.618	63	34288	20.759	ug/l	90
46) Dibromomethane	9.706	93	25190	21.613	ug/l	99
47) Bromodichloromethane	9.888	83	52560	21.394	ug/l #	95
48) Methyl methacrylate	9.676	41	37388	24.150	ug/l	99
49) 1,4-Dioxane	9.700	88	12710	463.282	ug/l #	75
51) 4-Methyl-2-Pentanone	10.441	43	247482	130.504	ug/l	99
52) Toluene	10.629	92	84845	20.603	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	50847	19.994	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	55489	20.616	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	34815	22.444	ug/l	96
56) Ethyl methacrylate	10.870	69	54290	24.196	ug/l	93
57) 1,3-Dichloropropane	11.159	76	57832	21.723	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	114207	108.776	ug/l	96
59) 2-Hexanone	11.194	43	185307	134.249	ug/l	100
60) Dibromochloromethane	11.359	129	40195	22.736	ug/l	100
61) 1,2-Dibromoethane	11.465	107	34708	21.850	ug/l	99
64) Tetrachloroethene	11.100	164	25981	18.798	ug/l	96
65) Chlorobenzene	11.888	112	90488	19.466	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	34891	21.579	ug/l	98
67) Ethyl Benzene	11.965	91	151552	19.532	ug/l	98
68) m/p-Xylenes	12.070	106	118016	40.175	ug/l	100
69) o-Xylene	12.394	106	58082	21.136	ug/l	99
70) Styrene	12.412	104	97305	20.298	ug/l	98
71) Bromoform	12.576	173	27905	22.936	ug/l #	99
73) Isopropylbenzene	12.694	105	142970	19.639	ug/l	100
74) N-amyl acetate	12.494	43	67634	21.829	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	53957	22.205	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	42244m	20.343	ug/l	
77) Bromobenzene	12.982	156	37591	19.208	ug/l	98
78) n-propylbenzene	13.035	91	169045	19.816	ug/l	99
79) 2-Chlorotoluene	13.123	91	110371	19.801	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	125282	20.764	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19035	21.747	ug/l	97
82) 4-Chlorotoluene	13.217	91	112209	19.128	ug/l	100
83) tert-Butylbenzene	13.435	119	105896	21.207	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	127537	20.480	ug/l	100
85) sec-Butylbenzene	13.611	105	142998	20.273	ug/l	99
86) p-Isopropyltoluene	13.729	119	117693	20.345	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	69136	18.102	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	69680	19.192	ug/l	99
89) n-Butylbenzene	14.053	91	94663	17.494	ug/l	100
90) Hexachloroethane	14.335	117	23840	18.479	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	69363	18.899	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11213	22.778	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	33952	16.902	ug/l	99
94) Hexachlorobutadiene	15.500	225	15783	17.891	ug/l	98
95) Naphthalene	15.641	128	110187	18.326	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33367	17.111	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
Data File : VN084999.D
Acq On : 21 Nov 2024 17:20
Operator : JC\MD
Sample : VN1121WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 04:36:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

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

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

