

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044400.D
 Acq On : 18 Dec 2024 23:45
 Operator : JC/MD
 Sample : VX1218WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 00:57:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	131489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91479	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	117407	50.926	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.860%
35) Dibromofluoromethane	5.385	113	88345	53.777	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.560%
50) Toluene-d8	8.646	98	304301	54.904	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.800%
62) 4-Bromofluorobenzene	11.079	95	103580	53.484	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40248	19.796	ug/l	96
3) Chloromethane	1.294	50	41313	21.249	ug/l	98
4) Vinyl Chloride	1.373	62	41966	20.719	ug/l	99
5) Bromomethane	1.593	94	28440	19.791	ug/l	100
6) Chloroethane	1.666	64	31035	24.606	ug/l	99
7) Trichlorofluoromethane	1.873	101	68247	17.211	ug/l	95
8) Diethyl Ether	2.135	74	24976	18.452	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	30387	18.938	ug/l	98
10) Methyl Iodide	2.440	142	44872	21.218	ug/l	95
11) Tert butyl alcohol	2.983	59	34054	104.808	ug/l	97
12) 1,1-Dichloroethene	2.306	96	30613	20.771	ug/l	97
13) Acrolein	2.233	56	51069	108.581	ug/l	99
14) Allyl chloride	2.654	41	49376	20.114	ug/l	97
15) Acrylonitrile	3.068	53	91533	101.699	ug/l	98
16) Acetone	2.385	43	84699	90.116	ug/l	100
17) Carbon Disulfide	2.501	76	57400	20.489	ug/l	100
18) Methyl Acetate	2.709	43	50961	21.029	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	111810	19.440	ug/l	100
20) Methylene Chloride	2.782	84	36404	20.621	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	32822	20.954	ug/l	92
22) Diisopropyl ether	3.763	45	111530	20.176	ug/l	94
23) Vinyl Acetate	3.721	43	466211	103.736	ug/l	99
24) 1,1-Dichloroethane	3.605	63	63217	20.516	ug/l	98
25) 2-Butanone	4.568	43	131291	98.258	ug/l	98
26) 2,2-Dichloropropane	4.470	77	39912	15.944	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	39433	19.822	ug/l	96
28) Bromochloromethane	4.891	49	29464	19.500	ug/l	97
29) Tetrahydrofuran	5.013	42	86914	101.339	ug/l	98
30) Chloroform	5.098	83	67381	19.463	ug/l	98
31) Cyclohexane	5.464	56	49856	20.037	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	57391	19.970	ug/l	96
36) 1,1-Dichloropropene	5.684	75	42006	19.781	ug/l	96
37) Ethyl Acetate	4.720	43	49829	18.983	ug/l	96
38) Carbon Tetrachloride	5.678	117	46039	20.138	ug/l	97
39) Methylcyclohexane	7.378	83	47523	18.720	ug/l	97
40) Benzene	6.037	78	134563	20.871	ug/l	95

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41) Methacrylonitrile	4.922	41	27438	19.685	ug/l	98
42) 1,2-Dichloroethane	6.086	62	53069	19.981	ug/l	99
43) Isopropyl Acetate	6.342	43	81496	19.863	ug/l	98
44) Trichloroethene	7.122	130	33636	20.920	ug/l	99
45) 1,2-Dichloropropane	7.433	63	33167	20.135	ug/l	99
46) Dibromomethane	7.580	93	26708	20.900	ug/l	98
47) Bromodichloromethane	7.823	83	45270	20.512	ug/l	95
48) Methyl methacrylate	7.695	41	38957	19.561	ug/l	96
49) 1,4-Dioxane	7.665	88	9472m	286.855	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	265562	100.667	ug/l	99
52) Toluene	8.720	92	81053	20.019	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	42105	18.984	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	47418	19.732	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	33082	20.567	ug/l	96
56) Ethyl methacrylate	9.116	69	51523	20.290	ug/l	96
57) 1,3-Dichloropropane	9.305	76	57111	20.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	122966	96.011	ug/l	99
59) 2-Hexanone	9.433	43	195200	102.228	ug/l	100
60) Dibromochloromethane	9.518	129	31101	19.543	ug/l	100
61) 1,2-Dibromoethane	9.610	107	35292	21.555	ug/l	95
64) Tetrachloroethene	9.274	164	28464	20.802	ug/l	97
65) Chlorobenzene	10.079	112	88294	19.987	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	29340	20.666	ug/l	99
67) Ethyl Benzene	10.195	91	153272	20.081	ug/l	97
68) m/p-Xylenes	10.299	106	115256	41.152	ug/l	95
69) o-Xylene	10.640	106	56000	19.761	ug/l	98
70) Styrene	10.652	104	93827	20.654	ug/l	96
71) Bromoform	10.799	173	17746	19.885	ug/l #	99
73) Isopropylbenzene	10.963	105	145263	20.743	ug/l	99
74) N-amyl acetate	10.841	43	64691	19.988	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	51576	21.204	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	40283m	19.722	ug/l	
77) Bromobenzene	11.195	156	34854	20.524	ug/l	97
78) n-propylbenzene	11.305	91	160552	20.742	ug/l	100
79) 2-Chlorotoluene	11.366	91	101383	20.253	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	118548	20.413	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10981	19.266	ug/l	94
82) 4-Chlorotoluene	11.451	91	112960	20.378	ug/l	99
83) tert-Butylbenzene	11.713	119	119874	20.886	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	119643	20.977	ug/l	100
85) sec-Butylbenzene	11.890	105	145511	20.884	ug/l	99
86) p-Isopropyltoluene	12.006	119	120321	20.748	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	61932	20.878	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	61979	20.325	ug/l	98
89) n-Butylbenzene	12.335	91	93988	19.274	ug/l	99
90) Hexachloroethane	12.536	117	16462	19.446	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	62705	20.358	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8191	17.347	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	33471	19.821	ug/l	98
94) Hexachlorobutadiene	13.725	225	13803	20.322	ug/l	94
95) Naphthalene	13.774	128	125104	18.980	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	36004	20.102	ug/l	97

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

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