

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101621\
 Data File : VX024834.D
 Acq On : 15 Oct 2021 17:44
 Operator : JC/MD
 Sample : VX1016WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:39:33 PM

Quant Time: Oct 18 01:44:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	163599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103305	51.376	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.760%	
35) Dibromofluoromethane	5.397	113	78405	51.825	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.640%	
50) Toluene-d8	8.653	98	287487	51.371	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	11.085	95	109968	49.962	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	30479	17.490	ug/l	99
3) Chloromethane	1.294	50	26493	17.458	ug/l	99
4) Vinyl Chloride	1.374	62	26597	16.916	ug/l	98
5) Bromomethane	1.599	94	18961	20.438	ug/l	100
6) Chloroethane	1.684	64	16818	17.383	ug/l	96
7) Trichlorofluoromethane	1.886	101	44219	16.460	ug/l	96
8) Diethyl Ether	2.136	74	15448	17.514	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	26978	17.078	ug/l	98
10) Methyl Iodide	2.453	142	31052	16.208	ug/l	99
11) Tert butyl alcohol	2.971	59	39981	94.332	ug/l	99
12) 1,1-Dichloroethene	2.318	96	23978	16.799	ug/l	94
13) Acrolein	2.239	56	17421	98.986	ug/l	100
14) Allyl chloride	2.666	41	45913	17.810	ug/l	98
15) Acrylonitrile	3.068	53	90617	95.888	ug/l	98
16) Acetone	2.386	43	82606	66.640	ug/l	99
17) Carbon Disulfide	2.514	76	57424	15.400	ug/l	98
18) Methyl Acetate	2.709	43	61303	18.469	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	96818	18.367	ug/l	99
20) Methylene Chloride	2.794	84	31628	18.547	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	27875	17.501	ug/l	96
22) Diisopropyl ether	3.763	45	95447	18.342	ug/l	94
23) Vinyl Acetate	3.727	43	373512	93.465	ug/l	99
24) 1,1-Dichloroethane	3.611	63	52922	17.678	ug/l	99
25) 2-Butanone	4.562	43	129665	90.609	ug/l	97
26) 2,2-Dichloropropane	4.477	77	43969	16.891	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	33334	18.255	ug/l	95
28) Bromochloromethane	4.897	49	24549	19.635	ug/l	99
29) Tetrahydrofuran	5.013	42	82828	91.082	ug/l	100
30) Chloroform	5.105	83	56744	17.634	ug/l	99
31) Cyclohexane	5.476	56	45594	17.021	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	50060	17.426	ug/l	99
36) 1,1-Dichloropropene	5.696	75	38871	17.283	ug/l	98
37) Ethyl Acetate	4.720	43	48098	18.563	ug/l	99
38) Carbon Tetrachloride	5.678	117	44504	17.661	ug/l	99
39) Methylcyclohexane	7.385	83	47919	17.187	ug/l	97
40) Benzene	6.043	78	116263	17.986	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	25654	18.146	ug/l	99
42) 1,2-Dichloroethane	6.092	62	48290	18.144	ug/l	100
43) Isopropyl Acetate	6.348	43	74811	18.667	ug/l	99
44) Trichloroethene	7.129	130	31856	17.581	ug/l	95
45) 1,2-Dichloropropane	7.433	63	30402	18.084	ug/l	96
46) Dibromomethane	7.586	93	22921	18.837	ug/l	99
47) Bromodichloromethane	7.824	83	40725	17.702	ug/l	95
48) Methyl methacrylate	7.696	41	36991	18.926	ug/l	98
49) 1,4-Dioxane	7.665	88	15647	371.457	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	250320	94.099	ug/l	99
52) Toluene	8.720	92	74970	17.924	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	44856	17.547	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	48738	18.197	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	32180	18.208	ug/l	97
56) Ethyl methacrylate	9.116	69	47808	16.797	ug/l	99
57) 1,3-Dichloropropane	9.311	76	53922	18.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	120157	97.276	ug/l	99
59) 2-Hexanone	9.433	43	193697	82.269	ug/l	99
60) Dibromochloromethane	9.524	129	32409	17.029	ug/l	100
61) 1,2-Dibromoethane	9.610	107	34616	18.223	ug/l	97
64) Tetrachloroethene	9.275	164	32153	18.540	ug/l	95
65) Chlorobenzene	10.079	112	83035	17.897	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	30781	17.882	ug/l	99
67) Ethyl Benzene	10.195	91	141885	17.547	ug/l	99
68) m/p-Xylenes	10.305	106	112953	36.208	ug/l	99
69) o-Xylene	10.646	106	55626	18.171	ug/l	100
70) Styrene	10.658	104	92769	16.813	ug/l	100
71) Bromoform	10.799	173	22912	16.963	ug/l #	97
73) Isopropylbenzene	10.963	105	146849	18.351	ug/l	100
74) N-amyl acetate	10.847	43	60678	18.101	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	50748	18.699	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	48153m	19.077	ug/l	
77) Bromobenzene	11.201	156	36177	17.594	ug/l	96
78) n-propylbenzene	11.305	91	168031	18.226	ug/l	100
79) 2-Chlorotoluene	11.366	91	104771	18.453	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	127488	18.781	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	14792	16.503	ug/l	97
82) 4-Chlorotoluene	11.457	91	118713	17.991	ug/l	99
83) tert-Butylbenzene	11.719	119	122396	18.606	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	125886	18.397	ug/l	99
85) sec-Butylbenzene	11.896	105	155835	18.505	ug/l	100
86) p-Isopropyltoluene	12.012	119	132168	18.701	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	69479	17.924	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	71415	18.026	ug/l	99
89) n-Butylbenzene	12.335	91	113671	18.254	ug/l	99
90) Hexachloroethane	12.542	117	19150	16.888	ug/l	100
91) 1,2-Dichlorobenzene	12.341	146	70005	18.270	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10725	17.272	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	42000	17.960	ug/l	99
94) Hexachlorobutadiene	13.725	225	19661	17.414	ug/l	98
95) Naphthalene	13.780	128	136508	16.179	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	42856	18.236	ug/l	99

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

