

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026177.D
 Acq On : 30 Dec 2021 18:43
 Operator : JC/MD
 Sample : M5207-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1S-122121MS

Quant Time: Dec 31 01:09:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/01/2022
 Supervised By :Semsettin Yesilyurt 01/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	101870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	165605	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	78643	53.362	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.720%			
35) Dibromofluoromethane	5.391	113	58413	54.254	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.500%			
50) Toluene-d8	8.653	98	212025	52.944	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.880%			
62) 4-Bromofluorobenzene	11.085	95	76290	53.513	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52053	48.652	ug/l	96
3) Chloromethane	1.295	50	57147	45.887	ug/l	98
4) Vinyl Chloride	1.374	62	62030	47.327	ug/l	99
5) Bromomethane	1.612	94	35784	44.239	ug/l	97
6) Chloroethane	1.685	64	42803	46.442	ug/l	100
7) Trichlorofluoromethane	1.892	101	110999	49.163	ug/l	97
8) Diethyl Ether	2.136	74	37788	48.720	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	56394	47.380	ug/l	98
10) Methyl Iodide	2.453	142	63508	41.259	ug/l	99
11) Tert butyl alcohol	2.983	59	63638	216.193	ug/l	99
12) 1,1-Dichloroethene	2.325	96	53210	47.170	ug/l	94
13) Acrolein	2.239	56	44023	418.243	ug/l	98
14) Allyl chloride	2.666	41	104932	47.071	ug/l	96
15) Acrylonitrile	3.069	53	175956	241.435	ug/l	98
16) Acetone	2.386	43	163333	204.549	ug/l	95
17) Carbon Disulfide	2.514	76	155675	48.086	ug/l	100
18) Methyl Acetate	2.709	43	117052	45.193	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	189582	48.116	ug/l	100
20) Methylene Chloride	2.794	84	60764	47.546	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	57996	47.129	ug/l	91
22) Diisopropyl ether	3.770	45	204290	48.013	ug/l	89
23) Vinyl Acetate	3.727	43	794023	235.016	ug/l	96
24) 1,1-Dichloroethane	3.617	63	111614	48.405	ug/l	99
25) 2-Butanone	4.568	43	259481	233.280	ug/l	94
26) 2,2-Dichloropropane	4.483	77	77185	44.428	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	69406	49.575	ug/l	94
28) Bromochloromethane	4.904	49	51826	50.710	ug/l	86
29) Tetrahydrofuran	5.013	42	173004	246.765	ug/l	93
30) Chloroform	5.105	83	116660	47.834	ug/l	99
31) Cyclohexane	5.477	56	100721	47.990	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	103980	49.042	ug/l	97
36) 1,1-Dichloropropene	5.696	75	85814	49.417	ug/l	98
37) Ethyl Acetate	4.721	43	96924	48.137	ug/l	98
38) Carbon Tetrachloride	5.684	117	93662	48.488	ug/l	98
39) Methylcyclohexane	7.385	83	94544	48.266	ug/l	94
40) Benzene	6.044	78	239893	48.404	ug/l	98

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41) Methacrylonitrile	4.928	41	57494	50.565	ug/l	93
42) 1,2-Dichloroethane	6.099	62	97559	48.640	ug/l	98
43) Isopropyl Acetate	6.348	43	158080	48.172	ug/l	95
44) Trichloroethene	7.129	130	63573	47.671	ug/l	90
45) 1,2-Dichloropropane	7.434	63	62080	48.972	ug/l	97
46) Dibromomethane	7.586	93	46284	49.223	ug/l	97
47) Bromodichloromethane	7.824	83	94585	49.443	ug/l	99
48) Methyl methacrylate	7.696	41	80478	51.135	ug/l	93
49) 1,4-Dioxane	7.684	88	28321	976.488	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	520262	254.763	ug/l	96
52) Toluene	8.720	92	148782	48.764	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	93879	46.288	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	98897	48.912	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	61783	49.270	ug/l	99
56) Ethyl methacrylate	9.122	69	97337	50.329	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	108375	50.455	ug/l	99
59) 2-Hexanone	9.433	43	393070	254.104	ug/l	95
60) Dibromochloromethane	9.525	129	72901	51.319	ug/l	100
61) 1,2-Dibromoethane	9.610	107	66561	49.610	ug/l	98
64) Tetrachloroethene	9.275	164	70273	54.836	ug/l	97
65) Chlorobenzene	10.080	112	160216	48.027	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	62253	48.972	ug/l	100
67) Ethyl Benzene	10.195	91	291743	48.909	ug/l	97
68) m/p-Xylenes	10.305	106	218228	97.984	ug/l	95
69) o-Xylene	10.646	106	106108	48.692	ug/l	95
70) Styrene	10.659	104	177087	49.571	ug/l	96
71) Bromoform	10.805	173	53003	51.397	ug/l #	99
73) Isopropylbenzene	10.964	105	279035	48.802	ug/l	98
74) N-amyl acetate	10.848	43	126919	48.342	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	95485	49.104	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	87690m	49.389	ug/l	
77) Bromobenzene	11.201	156	65239	48.113	ug/l	93
78) n-propylbenzene	11.305	91	331363	50.405	ug/l	96
79) 2-Chlorotoluene	11.366	91	196809	48.635	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	235625	49.658	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	29896	48.712	ug/l	86
82) 4-Chlorotoluene	11.457	91	228134	49.918	ug/l	95
83) tert-Butylbenzene	11.719	119	228812	49.682	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	236181	49.815	ug/l	98
85) sec-Butylbenzene	11.890	105	282190	49.099	ug/l	98
86) p-Isopropyltoluene	12.012	119	234508	48.945	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	124612	48.955	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	123598	45.289	ug/l	99
89) n-Butylbenzene	12.335	91	205484	48.259	ug/l	97
90) Hexachloroethane	12.542	117	47799	49.949	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	121656	46.073	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23365	46.937	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	71903	46.081	ug/l	99
94) Hexachlorobutadiene	13.725	225	28460	43.929	ug/l	99
95) Naphthalene	13.780	128	268745	47.272	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74070	46.657	ug/l	100

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

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