

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026178.D
 Acq On : 30 Dec 2021 19:06
 Operator : JC/MD
 Sample : M5207-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Dec 31 01:10:23 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	5.556	168	102772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	168242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	72635	48.853	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.700%		
35) Dibromofluoromethane	5.391	113	54198	49.550	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.100%		
50) Toluene-d8	8.653	98	194909	47.907	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.820%		
62) 4-Bromofluorobenzene	11.085	95	72388	49.980	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50300	46.601	ug/l	99
3) Chloromethane	1.294	50	58322	46.419	ug/l	96
4) Vinyl Chloride	1.374	62	62137	46.992	ug/l	99
5) Bromomethane	1.611	94	38802	47.549	ug/l	98
6) Chloroethane	1.685	64	43063	46.314	ug/l	96
7) Trichlorofluoromethane	1.892	101	110642	48.575	ug/l	99
8) Diethyl Ether	2.136	74	38721	49.485	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	54045	45.008	ug/l	98
10) Methyl Iodide	2.459	142	67145	43.239	ug/l	96
11) Tert butyl alcohol	2.977	59	69577	234.294	ug/l	99
12) 1,1-Dichloroethene	2.325	96	54074	47.515	ug/l	91
13) Acrolein	2.239	56	45719	430.543	ug/l	96
14) Allyl chloride	2.666	41	105809	47.047	ug/l	95
15) Acrylonitrile	3.069	53	178667	243.003	ug/l	99
16) Acetone	2.386	43	164140	203.755	ug/l	96
17) Carbon Disulfide	2.514	76	157890	48.342	ug/l	100
18) Methyl Acetate	2.709	43	124309	47.573	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	192523	48.433	ug/l	98
20) Methylene Chloride	2.794	84	62368	48.389	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	58853	47.405	ug/l	95
22) Diisopropyl ether	3.770	45	208335	48.534	ug/l	92
23) Vinyl Acetate	3.727	43	858887	251.984	ug/l	96
24) 1,1-Dichloroethane	3.617	63	113022	48.586	ug/l	99
25) 2-Butanone	4.562	43	263342	234.674	ug/l	94
26) 2,2-Dichloropropane	4.483	77	79212	45.194	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	70493	49.910	ug/l	93
28) Bromochloromethane	4.904	49	52517	50.935	ug/l	87
29) Tetrahydrofuran	5.013	42	172265	243.554	ug/l	94
30) Chloroform	5.105	83	118912	48.329	ug/l	98
31) Cyclohexane	5.477	56	97380	45.991	ug/l	90
32) 1,1,1-Trichloroethane	5.391	97	105254	49.207	ug/l	97
36) 1,1-Dichloropropene	5.702	75	84613	47.962	ug/l	98
37) Ethyl Acetate	4.721	43	101895	49.813	ug/l	98
38) Carbon Tetrachloride	5.684	117	95906	48.872	ug/l	98
39) Methylcyclohexane	7.385	83	91532	45.996	ug/l	95
40) Benzene	6.044	78	241991	48.062	ug/l	97

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41) Methacrylonitrile	4.928	41	57946	50.164	ug/l	94
42) 1,2-Dichloroethane	6.092	62	100258	49.202	ug/l	97
43) Isopropyl Acetate	6.348	43	165234	49.563	ug/l	95
44) Trichloroethene	7.135	130	64318	47.474	ug/l	93
45) 1,2-Dichloropropane	7.434	63	63366	49.203	ug/l	96
46) Dibromomethane	7.586	93	46472	48.649	ug/l	98
47) Bromodichloromethane	7.824	83	95845	49.316	ug/l	98
48) Methyl methacrylate	7.696	41	81396	50.908	ug/l	93
49) 1,4-Dioxane	7.677	88	29782	1010.767	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	527552	254.284	ug/l	96
52) Toluene	8.720	92	149200	48.134	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	94578	45.918	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	101488	49.407	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	61674	48.412	ug/l	99
56) Ethyl methacrylate	9.122	69	100197	50.996	ug/l	89
57) 1,3-Dichloropropane	9.311	76	108137	49.555	ug/l	99
59) 2-Hexanone	9.433	43	398177	253.371	ug/l	95
60) Dibromochloromethane	9.525	129	72884	50.503	ug/l	100
61) 1,2-Dibromoethane	9.610	107	65948	48.382	ug/l	99
64) Tetrachloroethene	9.275	164	70615	54.901	ug/l	99
65) Chlorobenzene	10.079	112	158482	47.333	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	62942	49.333	ug/l	99
67) Ethyl Benzene	10.195	91	292514	48.860	ug/l	95
68) m/p-Xylenes	10.305	106	218251	97.636	ug/l	93
69) o-Xylene	10.646	106	106988	48.917	ug/l	94
70) Styrene	10.659	104	182058	50.776	ug/l	97
71) Bromoform	10.799	173	52561	50.783	ug/l	99
73) Isopropylbenzene	10.963	105	283121	48.470	ug/l	98
74) N-amyl acetate	10.848	43	135786	50.626	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	96413	48.533	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	88550m	48.818	ug/l	
77) Bromobenzene	11.201	156	66976	48.350	ug/l	94
78) n-propylbenzene	11.305	91	331292	49.329	ug/l	97
79) 2-Chlorotoluene	11.366	91	195776	47.356	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	236202	48.727	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	31071	49.557	ug/l	91
82) 4-Chlorotoluene	11.457	91	229464	49.147	ug/l	96
83) tert-Butylbenzene	11.719	119	230594	49.010	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	240031	49.557	ug/l	97
85) sec-Butylbenzene	11.890	105	284726	48.493	ug/l	98
86) p-Isopropyltoluene	12.012	119	236747	48.367	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	125536	48.276	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	125066	44.858	ug/l	99
89) n-Butylbenzene	12.335	91	206485	47.468	ug/l	98
90) Hexachloroethane	12.542	117	47751	48.843	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	121817	45.159	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24240	47.665	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	75001	47.050	ug/l	99
94) Hexachlorobutadiene	13.725	225	28259	42.697	ug/l	100
95) Naphthalene	13.780	128	276352	47.582	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76403	47.109	ug/l	99

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

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