

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044565.D
 Acq On : 30 Dec 2024 23:31
 Operator : JC/MD
 Sample : P5376-09MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01S-20241218MSD

Quant Time: Dec 31 00:42:12 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	203568	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92706	45.051	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.100%		
35) Dibromofluoromethane	5.379	113	73572	52.183	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.360%		
50) Toluene-d8	8.647	98	245485	51.610	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.220%		
62) 4-Bromofluorobenzene	11.079	95	90330	54.348	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	85623	47.181	ug/l	96
3) Chloromethane	1.294	50	81656	47.052	ug/l	99
4) Vinyl Chloride	1.374	62	86477	47.831	ug/l	99
5) Bromomethane	1.593	94	58899	45.920	ug/l	100
6) Chloroethane	1.660	64	59438	52.796	ug/l	97
7) Trichlorofluoromethane	1.867	101	152903	43.199	ug/l	100
8) Diethyl Ether	2.136	74	62872	52.039	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	73413	51.257	ug/l	95
10) Methyl Iodide	2.440	142	102991	54.560	ug/l	96
11) Tert butyl alcohol	2.995	59	75264	259.514	ug/l	97
12) 1,1-Dichloroethene	2.306	96	69520	52.846	ug/l	94
13) Acrolein	2.239	56	115847	275.949	ug/l	98
14) Allyl chloride	2.654	41	110354	50.363	ug/l	98
15) Acrylonitrile	3.068	53	215410	268.135	ug/l	97
16) Acetone	2.386	43	195287	232.779	ug/l	99
17) Carbon Disulfide	2.501	76	121076	48.418	ug/l	99
18) Methyl Acetate	2.709	43	105030	48.556	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	254833	49.640	ug/l	100
20) Methylene Chloride	2.782	84	81705	51.852	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	72101	51.570	ug/l	97
22) Diisopropyl ether	3.763	45	250548	50.778	ug/l	98
23) Vinyl Acetate	3.721	43	959197	239.112	ug/l	100
24) 1,1-Dichloroethane	3.605	63	141873	51.582	ug/l	99
25) 2-Butanone	4.562	43	301393	252.705	ug/l	99
26) 2,2-Dichloropropane	4.465	77	90082	40.316	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	90287	50.847	ug/l	94
28) Bromochloromethane	4.897	49	60861	45.126	ug/l	92
29) Tetrahydrofuran	5.007	42	191435	250.067	ug/l	99
30) Chloroform	5.086	83	155478	50.313	ug/l	99
31) Cyclohexane	5.464	56	103050	46.398	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	131822	51.390	ug/l	99
36) 1,1-Dichloropropene	5.690	75	91272	50.081	ug/l	97
37) Ethyl Acetate	4.721	43	112201	49.805	ug/l	100
38) Carbon Tetrachloride	5.672	117	105515	53.777	ug/l	94
39) Methylcyclohexane	7.373	83	109863	50.425	ug/l	98
40) Benzene	6.031	78	302466	54.662	ug/l	99

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41) Methacrylonitrile	4.922	41	61771	51.637	ug/l	97
42) 1,2-Dichloroethane	6.080	62	119613	52.476	ug/l	97
43) Isopropyl Acetate	6.342	43	178954	50.823	ug/l	99
44) Trichloroethene	7.123	130	75397	54.641	ug/l	99
45) 1,2-Dichloropropane	7.427	63	71931	50.882	ug/l	98
46) Dibromomethane	7.574	93	60376	55.051	ug/l	92
47) Bromodichloromethane	7.824	83	108492	57.278	ug/l	97
48) Methyl methacrylate	7.696	41	89847	52.566	ug/l	96
49) 1,4-Dioxane	7.665	88	27843	982.512	ug/l #	67
51) 4-Methyl-2-Pentanone	8.574	43	610558	269.681	ug/l	99
52) Toluene	8.714	92	188284	54.185	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	101551	49.951	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	111258	53.947	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	79785	57.797	ug/l	97
56) Ethyl methacrylate	9.116	69	120288	55.197	ug/l	97
57) 1,3-Dichloropropane	9.305	76	130926	54.489	ug/l	100
59) 2-Hexanone	9.433	43	452053	275.855	ug/l	97
60) Dibromochloromethane	9.518	129	79058	53.799	ug/l	98
61) 1,2-Dibromoethane	9.610	107	80061	56.977	ug/l	100
64) Tetrachloroethene	9.269	164	63742	51.837	ug/l	97
65) Chlorobenzene	10.079	112	216781	54.606	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	73066	57.267	ug/l	99
67) Ethyl Benzene	10.189	91	359222	52.369	ug/l	100
68) m/p-Xylenes	10.299	106	277945	110.428	ug/l	94
69) o-Xylene	10.640	106	138979	54.573	ug/l	93
70) Styrene	10.652	104	231579	56.724	ug/l	96
71) Bromoform	10.799	173	51474	56.744	ug/l #	99
73) Isopropylbenzene	10.963	105	359171	52.798	ug/l	99
74) N-amyl acetate	10.841	43	146096	46.469	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	124420	52.658	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	97536m	49.159	ug/l	
77) Bromobenzene	11.195	156	91014	55.172	ug/l	93
78) n-propylbenzene	11.305	91	391289	52.041	ug/l	97
79) 2-Chlorotoluene	11.360	91	241758	49.718	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	290256	51.451	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	29615	43.578	ug/l	99
82) 4-Chlorotoluene	11.451	91	272161	50.544	ug/l	98
83) tert-Butylbenzene	11.713	119	302779	54.308	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	292868	52.861	ug/l	99
85) sec-Butylbenzene	11.890	105	353700	52.258	ug/l	98
86) p-Isopropyltoluene	12.006	119	300454	53.335	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	159178	55.241	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	157882	53.300	ug/l	96
89) n-Butylbenzene	12.329	91	243147	51.330	ug/l	100
90) Hexachloroethane	12.536	117	46484	56.528	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	161181	53.871	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23931	52.174	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	94053	57.338	ug/l	98
94) Hexachlorobutadiene	13.725	225	38792	58.794	ug/l	99
95) Naphthalene	13.774	128	335035	52.326	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	100100	57.535	ug/l	98

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

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