

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039938.D
 Acq On : 24 Jan 2024 15:45
 Operator : JC/MD
 Sample : P1237-06MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-2-10-13MSD

Quant Time: Jan 25 01:40:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	82229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67066	48.688	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.380%		
35) Dibromofluoromethane	5.385	113	48174	49.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.680%		
50) Toluene-d8	8.647	98	172856	46.939	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.880%		
62) 4-Bromofluorobenzene	11.079	95	73787	51.239	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60704	57.058	ug/l	97
3) Chloromethane	1.294	50	62531	51.465	ug/l	98
4) Vinyl Chloride	1.374	62	61096	53.282	ug/l	98
5) Bromomethane	1.599	94	39342	60.132	ug/l	100
6) Chloroethane	1.679	64	37142	56.979	ug/l	96
7) Trichlorofluoromethane	1.886	101	95710	57.862	ug/l	100
8) Diethyl Ether	2.136	74	33196	54.305	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	55007	53.640	ug/l	97
10) Methyl Iodide	2.453	142	64141	59.288	ug/l	98
11) Tert butyl alcohol	2.959	59	98725	275.334	ug/l #	89
12) 1,1-Dichloroethene	2.319	96	53820	54.381	ug/l	97
13) Acrolein	2.233	56	53760	243.357	ug/l	98
14) Allyl chloride	2.660	41	100463	51.575	ug/l	97
15) Acrylonitrile	3.062	53	191199	258.144	ug/l	99
16) Acetone	2.374	43	167804	216.613	ug/l	95
17) Carbon Disulfide	2.514	76	154867	54.443	ug/l	99
18) Methyl Acetate	2.703	43	97348	60.065	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	189404	53.906	ug/l	98
20) Methylene Chloride	2.788	84	61671	52.631	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	57723	55.423	ug/l	98
22) Diisopropyl ether	3.757	45	202399	54.448	ug/l	98
23) Vinyl Acetate	3.721	43	958013	277.251	ug/l	99
24) 1,1-Dichloroethane	3.605	63	111233	54.392	ug/l	100
25) 2-Butanone	4.550	43	283650	254.793	ug/l	99
26) 2,2-Dichloropropane	4.471	77	86338	52.603	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	66316	55.516	ug/l	99
28) Bromochloromethane	4.897	49	46904	50.599	ug/l	96
29) Tetrahydrofuran	4.995	42	192748	268.998	ug/l	100
30) Chloroform	5.093	83	118346	58.622	ug/l	98
31) Cyclohexane	5.471	56	97638	53.709	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	103088	59.646	ug/l	98
36) 1,1-Dichloropropene	5.690	75	85285	56.115	ug/l	99
37) Ethyl Acetate	4.708	43	109722	54.116	ug/l	99
38) Carbon Tetrachloride	5.678	117	85270	61.258	ug/l	99
39) Methylcyclohexane	7.379	83	98282	53.853	ug/l	97
40) Benzene	6.037	78	242388	56.323	ug/l	99

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41) Methacrylonitrile	4.916	41	56844	57.332	ug/l	95
42) 1,2-Dichloroethane	6.086	62	101468	62.017	ug/l	99
43) Isopropyl Acetate	6.336	43	171577	57.686	ug/l	98
44) Trichloroethene	7.129	130	60525	57.386	ug/l	95
45) 1,2-Dichloropropane	7.427	63	64143	55.561	ug/l	97
46) Dibromomethane	7.580	93	48411	60.712	ug/l	94
47) Bromodichloromethane	7.818	83	91029	61.639	ug/l	95
48) Methyl methacrylate	7.690	41	85555	58.520	ug/l	93
49) 1,4-Dioxane	7.659	88	28446	1005.560	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	593530	289.747	ug/l	97
52) Toluene	8.720	92	154987	60.295	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	97029	61.918	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	100687	58.433	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	63669	58.177	ug/l	95
56) Ethyl methacrylate	9.116	69	107041	60.432	ug/l	94
57) 1,3-Dichloropropane	9.305	76	110316	59.481	ug/l	98
59) 2-Hexanone	9.427	43	482006	297.309	ug/l	97
60) Dibromochloromethane	9.519	129	66577	64.508	ug/l	100
61) 1,2-Dibromoethane	9.610	107	70522	62.226	ug/l	100
64) Tetrachloroethene	9.275	164	66040	73.282	ug/l	98
65) Chlorobenzene	10.079	112	162872	56.429	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	57806	58.818	ug/l	98
67) Ethyl Benzene	10.195	91	307137	57.317	ug/l	97
68) m/p-Xylenes	10.299	106	228001	115.695	ug/l	93
69) o-Xylene	10.640	106	112278	57.530	ug/l	94
70) Styrene	10.653	104	187403	58.783	ug/l	97
71) Bromoform	10.799	173	46409	62.887	ug/l #	99
73) Isopropylbenzene	10.963	105	304572	52.984	ug/l	99
74) N-amyl acetate	10.842	43	160306	53.500	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	116016	52.853	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98040m	52.375	ug/l	
77) Bromobenzene	11.195	156	67361	52.630	ug/l	94
78) n-propylbenzene	11.305	91	375173	53.924	ug/l	96
79) 2-Chlorotoluene	11.360	91	222456	51.733	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	263970	54.068	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	30529	48.824	ug/l	98
82) 4-Chlorotoluene	11.451	91	261910	53.697	ug/l	98
83) tert-Butylbenzene	11.713	119	250544	53.752	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	265530	54.515	ug/l	100
85) sec-Butylbenzene	11.890	105	332203	54.904	ug/l	98
86) p-Isopropyltoluene	12.006	119	268613	55.547	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	132514	54.012	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	134908	53.240	ug/l	99
89) n-Butylbenzene	12.329	91	268510	57.489	ug/l	95
90) Hexachloroethane	12.536	117	45471	55.737	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	129762	53.499	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30243	56.226	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	79424	53.583	ug/l	98
94) Hexachlorobutadiene	13.725	225	34627	56.197	ug/l	99
95) Naphthalene	13.774	128	292937	53.684	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	78775	52.658	ug/l	98

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

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