

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039940.D
 Acq On : 24 Jan 2024 16:30
 Operator : JC/MD
 Sample : P1237-11MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-2-37-40MSD

Quant Time: Jan 25 01:42:20 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	78400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71123	54.155	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.320%			
35) Dibromofluoromethane	5.379	113	49589	51.042	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.080%			
50) Toluene-d8	8.647	98	176070	48.052	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.100%			
62) 4-Bromofluorobenzene	11.079	95	75334	52.576	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45939	45.288	ug/l	96
3) Chloromethane	1.294	50	57417	49.564	ug/l	100
4) Vinyl Chloride	1.374	62	53574	49.004	ug/l	98
5) Bromomethane	1.599	94	39752	63.726	ug/l	95
6) Chloroethane	1.685	64	34116	54.893	ug/l	99
7) Trichlorofluoromethane	1.886	101	78910	50.035	ug/l	100
8) Diethyl Ether	2.136	74	32679	56.071	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	41298	42.238	ug/l	98
10) Methyl Iodide	2.453	142	60540	58.693	ug/l	96
11) Tert butyl alcohol	2.959	59	89146	260.761	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	47354	50.184	ug/l	98
13) Acrolein	2.233	56	53166	253.028	ug/l	98
14) Allyl chloride	2.666	41	84276	45.378	ug/l	97
15) Acrylonitrile	3.062	53	184667	261.502	ug/l	99
16) Acetone	2.374	43	159856	216.431	ug/l	98
17) Carbon Disulfide	2.514	76	125886	46.416	ug/l	97
18) Methyl Acetate	2.697	43	95059	61.518	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	188958	56.406	ug/l	98
20) Methylene Chloride	2.788	84	59063	52.867	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	53609	53.987	ug/l	100
22) Diisopropyl ether	3.757	45	198372	55.971	ug/l	99
23) Vinyl Acetate	3.721	43	955120	289.914	ug/l	100
24) 1,1-Dichloroethane	3.611	63	106119	54.426	ug/l	99
25) 2-Butanone	4.550	43	275716	259.762	ug/l	99
26) 2,2-Dichloropropane	4.477	77	79116	50.557	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	62937	55.260	ug/l	99
28) Bromochloromethane	4.897	49	49021	55.465	ug/l	97
29) Tetrahydrofuran	4.995	42	186793	273.419	ug/l	99
30) Chloroform	5.086	83	186817	97.058	ug/l	99
31) Cyclohexane	5.471	56	77016	44.434	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	91979	55.818	ug/l	97
36) 1,1-Dichloropropene	5.690	75	76363	50.497	ug/l	100
37) Ethyl Acetate	4.708	43	107959	53.513	ug/l	99
38) Carbon Tetrachloride	5.678	117	71726	51.787	ug/l	100
39) Methylcyclohexane	7.379	83	73299	40.365	ug/l	96
40) Benzene	6.037	78	229119	53.507	ug/l	100

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	57898	58.688	ug/l	97
42) 1,2-Dichloroethane	6.086	62	100343	61.637	ug/l	98
43) Isopropyl Acetate	6.336	43	170687	57.675	ug/l	98
44) Trichloroethene	7.123	130	57581	54.868	ug/l	95
45) 1,2-Dichloropropane	7.428	63	63212	55.029	ug/l	98
46) Dibromomethane	7.580	93	46461	58.559	ug/l	96
47) Bromodichloromethane	7.818	83	85280	58.036	ug/l	98
48) Methyl methacrylate	7.690	41	84881	58.350	ug/l	94
49) 1,4-Dioxane	7.659	88	25799	916.566	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	578306	283.732	ug/l	98
52) Toluene	8.714	92	144059	56.325	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	95971	61.550	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	99110	57.807	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	63258	58.092	ug/l	96
56) Ethyl methacrylate	9.116	69	106648	60.513	ug/l	94
57) 1,3-Dichloropropane	9.305	76	106194	57.546	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	215649	258.868	ug/l	96
59) 2-Hexanone	9.427	43	469306	290.928	ug/l	97
60) Dibromochloromethane	9.519	129	61188	59.584	ug/l	100
61) 1,2-Dibromoethane	9.610	107	68307	60.574	ug/l	100
64) Tetrachloroethene	9.269	164	45524	51.187	ug/l	92
65) Chlorobenzene	10.079	112	154864	54.368	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	56861	58.625	ug/l	98
67) Ethyl Benzene	10.195	91	286012	54.084	ug/l	97
68) m/p-Xylenes	10.299	106	211487	108.741	ug/l	94
69) o-Xylene	10.640	106	103845	53.916	ug/l	93
70) Styrene	10.653	104	178275	56.662	ug/l	97
71) Bromoform	10.799	173	41651	57.190	ug/l #	99
73) Isopropylbenzene	10.963	105	272141	47.754	ug/l	99
74) N-amyl acetate	10.842	43	160822	54.139	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	110447	50.753	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	94786m	51.077	ug/l	
77) Bromobenzene	11.195	156	64414	50.765	ug/l	94
78) n-propylbenzene	11.305	91	335672	48.665	ug/l	97
79) 2-Chlorotoluene	11.360	91	204509	47.972	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	239228	49.426	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	28103	45.660	ug/l	97
82) 4-Chlorotoluene	11.451	91	244479	50.559	ug/l	97
83) tert-Butylbenzene	11.713	119	224347	48.550	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	244832	50.702	ug/l	100
85) sec-Butylbenzene	11.890	105	289306	48.230	ug/l	97
86) p-Isopropyltoluene	12.006	119	237212	49.480	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	125051	51.413	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	124952	49.739	ug/l	98
89) n-Butylbenzene	12.329	91	233159	50.354	ug/l	96
90) Hexachloroethane	12.536	117	38338	47.402	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	121740	50.627	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	28269	53.013	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	76112	51.795	ug/l	99
94) Hexachlorobutadiene	13.725	225	28365	46.434	ug/l	96
95) Naphthalene	13.774	128	282089	52.145	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	75291	50.766	ug/l	99

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

