

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039939.D
 Acq On : 24 Jan 2024 16:07
 Operator : JC/MD
 Sample : P1237-10MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jan 25 01:41:31 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	86703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76504	52.674	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.340%			
35) Dibromofluoromethane	5.385	113	53661	50.350	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.647	98	192554	47.904	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.800%			
62) 4-Bromofluorobenzene	11.079	95	82822	52.690	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	51466	45.878	ug/l	99
3) Chloromethane	1.294	50	58648	45.778	ug/l	99
4) Vinyl Chloride	1.374	62	57118	47.242	ug/l	99
5) Bromomethane	1.599	94	37969	55.039	ug/l	98
6) Chloroethane	1.679	64	35684	51.918	ug/l	99
7) Trichlorofluoromethane	1.886	101	85891	49.246	ug/l	98
8) Diethyl Ether	2.130	74	32518	50.451	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	45695	42.260	ug/l	97
10) Methyl Iodide	2.453	142	61882	54.249	ug/l	96
11) Tert butyl alcohol	2.959	59	90884	240.387	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	49512	47.446	ug/l	95
13) Acrolein	2.233	56	55547	238.144	ug/l	100
14) Allyl chloride	2.660	41	90067	43.852	ug/l	99
15) Acrylonitrile	3.062	53	180805	231.515	ug/l	98
16) Acetone	2.374	43	159673	195.481	ug/l	99
17) Carbon Disulfide	2.508	76	138368	46.133	ug/l	98
18) Methyl Acetate	2.703	43	93564	54.752	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	186888	50.446	ug/l	98
20) Methylene Chloride	2.788	84	59787	48.390	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	54964	50.051	ug/l	99
22) Diisopropyl ether	3.757	45	196629	50.167	ug/l	97
23) Vinyl Acetate	3.721	43	946021	259.653	ug/l	99
24) 1,1-Dichloroethane	3.605	63	106810	49.534	ug/l	99
25) 2-Butanone	4.550	43	273066	232.629	ug/l	100
26) 2,2-Dichloropropane	4.477	77	83393	48.187	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	63916	50.746	ug/l	99
28) Bromochloromethane	4.898	49	44786	45.821	ug/l	96
29) Tetrahydrofuran	4.995	42	183883	243.384	ug/l	100
30) Chloroform	5.093	83	187531	88.099	ug/l	99
31) Cyclohexane	5.471	56	84085	43.867	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	97172	53.322	ug/l	98
36) 1,1-Dichloropropene	5.690	75	81176	48.933	ug/l	98
37) Ethyl Acetate	4.708	43	106772	48.245	ug/l	99
38) Carbon Tetrachloride	5.678	117	77824	51.221	ug/l	93
39) Methylcyclohexane	7.379	83	83030	41.681	ug/l	98
40) Benzene	6.038	78	233910	49.795	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	56291	52.014	ug/l	96
42) 1,2-Dichloroethane	6.086	62	100117	56.060	ug/l	98
43) Isopropyl Acetate	6.336	43	167511	51.597	ug/l	99
44) Trichloroethene	7.123	130	60397	52.463	ug/l	96
45) 1,2-Dichloropropane	7.434	63	62764	49.808	ug/l	99
46) Dibromomethane	7.580	93	46633	53.579	ug/l	94
47) Bromodichloromethane	7.818	83	86733	53.805	ug/l	99
48) Methyl methacrylate	7.690	41	84311	52.833	ug/l	96
49) 1,4-Dioxane	7.659	88	28003	906.895	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	576108	257.659	ug/l	97
52) Toluene	8.720	92	146248	52.124	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	94883	55.471	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	100031	53.185	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	62556	52.367	ug/l	95
56) Ethyl methacrylate	9.116	69	104981	54.299	ug/l	95
57) 1,3-Dichloropropane	9.305	76	106738	52.726	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	243658	266.626	ug/l	95
59) 2-Hexanone	9.427	43	462660	261.447	ug/l	97
60) Dibromochloromethane	9.519	129	62592	55.561	ug/l	100
61) 1,2-Dibromoethane	9.610	107	66979	54.144	ug/l	99
64) Tetrachloroethene	9.275	164	48809	50.312	ug/l	96
65) Chlorobenzene	10.079	112	154754	49.806	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	56484	53.388	ug/l	99
67) Ethyl Benzene	10.195	91	293381	50.859	ug/l	99
68) m/p-Xylenes	10.299	106	216518	102.059	ug/l	92
69) o-Xylene	10.640	106	105179	50.062	ug/l	92
70) Styrene	10.653	104	178139	51.905	ug/l	96
71) Bromoform	10.799	173	43045	54.183	ug/l #	99
73) Isopropylbenzene	10.963	105	280660	46.732	ug/l	100
74) N-amyl acetate	10.842	43	159036	50.802	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	110491	48.179	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	94091m	48.112	ug/l	
77) Bromobenzene	11.195	156	63844	47.745	ug/l	92
78) n-propylbenzene	11.305	91	350335	48.196	ug/l	97
79) 2-Chlorotoluene	11.360	91	210257	46.801	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	246126	48.253	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	28543	44.159	ug/l	96
82) 4-Chlorotoluene	11.451	91	246093	48.293	ug/l	98
83) tert-Butylbenzene	11.713	119	231545	47.548	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	249258	48.981	ug/l	100
85) sec-Butylbenzene	11.890	105	303156	47.957	ug/l	98
86) p-Isopropyltoluene	12.006	119	246981	48.885	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	125708	49.042	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	126772	47.886	ug/l	99
89) n-Butylbenzene	12.329	91	244874	50.182	ug/l	95
90) Hexachloroethane	12.536	117	42117	49.414	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	122687	48.414	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	28655	50.991	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	76935	49.680	ug/l	98
94) Hexachlorobutadiene	13.725	225	31325	48.660	ug/l	98
95) Naphthalene	13.774	128	279518	49.030	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	76497	48.944	ug/l	99

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

