

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039937.D
 Acq On : 24 Jan 2024 15:22
 Operator : JC/MD
 Sample : P1237-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 25 01:39:51 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	84158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	149845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65059	46.149	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.300%		
35) Dibromofluoromethane	5.385	113	46807	46.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.760%		
50) Toluene-d8	8.647	98	169541	44.540	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.080%#		
62) 4-Bromofluorobenzene	11.079	95	73174	49.158	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57696	52.987	ug/l	95
3) Chloromethane	1.295	50	57539	46.271	ug/l	99
4) Vinyl Chloride	1.374	62	55778	47.529	ug/l	99
5) Bromomethane	1.599	94	36045	53.830	ug/l	96
6) Chloroethane	1.679	64	33698	50.511	ug/l	97
7) Trichlorofluoromethane	1.886	101	89526	52.882	ug/l	99
8) Diethyl Ether	2.130	74	30127	48.155	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	52852	50.357	ug/l	98
10) Methyl Iodide	2.453	142	57657	52.073	ug/l	97
11) Tert butyl alcohol	2.959	59	87671	238.901	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	49923	49.287	ug/l	92
13) Acrolein	2.233	56	52427	231.116	ug/l	99
14) Allyl chloride	2.660	41	92906	46.602	ug/l	98
15) Acrylonitrile	3.062	53	178588	235.591	ug/l	99
16) Acetone	2.374	43	154912	195.388	ug/l	96
17) Carbon Disulfide	2.508	76	143284	49.216	ug/l	98
18) Methyl Acetate	2.703	43	91490	55.157	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	172625	48.005	ug/l	97
20) Methylene Chloride	2.788	84	57000	47.530	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	53553	50.241	ug/l	96
22) Diisopropyl ether	3.757	45	184474	48.489	ug/l	99
23) Vinyl Acetate	3.721	43	869890	245.978	ug/l	99
24) 1,1-Dichloroethane	3.611	63	102824	49.128	ug/l	98
25) 2-Butanone	4.550	43	263204	231.008	ug/l	99
26) 2,2-Dichloropropane	4.471	77	77272	46.001	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	61205	50.063	ug/l	100
28) Bromochloromethane	4.898	49	41206	43.433	ug/l	95
29) Tetrahydrofuran	4.995	42	176247	240.331	ug/l	99
30) Chloroform	5.093	83	108228	52.381	ug/l	95
31) Cyclohexane	5.471	56	90417	48.597	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	93645	52.941	ug/l	98
36) 1,1-Dichloropropene	5.690	75	78611	50.039	ug/l	100
37) Ethyl Acetate	4.709	43	98153	46.833	ug/l	99
38) Carbon Tetrachloride	5.678	117	77064	53.560	ug/l	99
39) Methylcyclohexane	7.379	83	94761	50.232	ug/l	98
40) Benzene	6.038	78	223700	50.287	ug/l	98

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Quant Time: Jan 25 01:39:51 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
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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	4.922	41	52958	51.673	ug/l	95
42) 1,2-Dichloroethane	6.086	62	93116	55.059	ug/l	98
43) Isopropyl Acetate	6.336	43	155102	50.449	ug/l	98
44) Trichloroethene	7.123	130	54779	50.246	ug/l	91
45) 1,2-Dichloropropane	7.428	63	58040	48.637	ug/l	97
46) Dibromomethane	7.580	93	43915	53.280	ug/l	95
47) Bromodichloromethane	7.818	83	83338	54.593	ug/l	96
48) Methyl methacrylate	7.690	41	78414	51.889	ug/l	94
49) 1,4-Dioxane	7.659	88	26089	892.206	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	545680	257.712	ug/l	96
52) Toluene	8.720	92	140109	52.732	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	85421	52.735	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	91236	51.224	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	58390	51.616	ug/l	94
56) Ethyl methacrylate	9.116	69	96317	52.607	ug/l	95
57) 1,3-Dichloropropane	9.305	76	100079	52.204	ug/l	99
59) 2-Hexanone	9.427	43	439061	262.000	ug/l	96
60) Dibromochloromethane	9.519	129	59931	56.177	ug/l	100
61) 1,2-Dibromoethane	9.610	107	63916	54.560	ug/l	100
64) Tetrachloroethene	9.275	164	60777	66.139	ug/l	96
65) Chlorobenzene	10.080	112	147703	50.186	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54305	54.188	ug/l	99
67) Ethyl Benzene	10.195	91	283915	51.960	ug/l	98
68) m/p-Xylenes	10.299	106	208066	103.540	ug/l	94
69) o-Xylene	10.640	106	99477	49.987	ug/l	91
70) Styrene	10.653	104	169755	52.219	ug/l	98
71) Bromoform	10.799	173	42166	56.034	ug/l #	100
73) Isopropylbenzene	10.964	105	273657	47.142	ug/l	100
74) N-amyl acetate	10.842	43	142117	46.967	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	105565	47.623	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89487m	47.340	ug/l	
77) Bromobenzene	11.195	156	61105	47.276	ug/l	95
78) n-propylbenzene	11.305	91	341430	48.595	ug/l	98
79) 2-Chlorotoluene	11.360	91	202684	46.675	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	241231	48.929	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	27991	44.741	ug/l	97
82) 4-Chlorotoluene	11.451	91	239138	48.550	ug/l	98
83) tert-Butylbenzene	11.713	119	225695	47.949	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	241118	49.020	ug/l	100
85) sec-Butylbenzene	11.890	105	301856	49.402	ug/l	98
86) p-Isopropyltoluene	12.006	119	247367	50.654	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	119657	48.296	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	122489	47.868	ug/l	99
89) n-Butylbenzene	12.329	91	241874	51.281	ug/l	95
90) Hexachloroethane	12.536	117	41262	50.085	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	117139	47.823	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27543	50.707	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	72314	48.311	ug/l	98
94) Hexachlorobutadiene	13.725	225	30641	49.243	ug/l	98
95) Naphthalene	13.774	128	259528	47.097	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	70856	46.903	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

