

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039927.D
 Acq On : 24 Jan 2024 11:36
 Operator : JC/MD
 Sample : VX0124WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 25 01:35:42 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	77807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61383	47.095	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.200%		
35) Dibromofluoromethane	5.379	113	44645	48.697	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.400%		
50) Toluene-d8	8.647	98	159526	46.136	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.280%		
62) 4-Bromofluorobenzene	11.079	95	65338	48.322	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22150	22.003	ug/l	93
3) Chloromethane	1.294	50	21050	18.309	ug/l	100
4) Vinyl Chloride	1.374	62	20319	18.727	ug/l	96
5) Bromomethane	1.605	94	13513	21.828	ug/l	99
6) Chloroethane	1.691	64	12253	19.866	ug/l	98
7) Trichlorofluoromethane	1.892	101	32258	20.610	ug/l	99
8) Diethyl Ether	2.130	74	11726	20.273	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	19906	20.514	ug/l	97
10) Methyl Iodide	2.453	142	21188	20.698	ug/l	95
11) Tert butyl alcohol	2.946	59	29361	86.539	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	18167	19.400	ug/l	92
13) Acrolein	2.233	56	21421	93.063	ug/l	99
14) Allyl chloride	2.666	41	33000	17.904	ug/l	96
15) Acrylonitrile	3.056	53	64441	91.949	ug/l	97
16) Acetone	2.373	43	70091	95.620	ug/l	97
17) Carbon Disulfide	2.514	76	51346	19.076	ug/l	99
18) Methyl Acetate	2.697	43	33657	21.947	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	64182	19.305	ug/l	100
20) Methylene Chloride	2.788	84	21256	19.171	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	19547	19.835	ug/l	89
22) Diisopropyl ether	3.757	45	67965	19.323	ug/l	96
23) Vinyl Acetate	3.715	43	313082	95.756	ug/l	98
24) 1,1-Dichloroethane	3.611	63	37234	19.242	ug/l	97
25) 2-Butanone	4.550	43	99021	94.002	ug/l	98
26) 2,2-Dichloropropane	4.477	77	28286	18.213	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	22168	19.612	ug/l	99
28) Bromochloromethane	4.891	49	14661	16.715	ug/l	96
29) Tetrahydrofuran	4.995	42	61601	90.856	ug/l	100
30) Chloroform	5.086	83	38395	20.100	ug/l	96
31) Cyclohexane	5.464	56	32258	18.753	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	32985	20.170	ug/l	98
36) 1,1-Dichloropropene	5.690	75	28525	19.989	ug/l	99
37) Ethyl Acetate	4.708	43	34981	18.375	ug/l	98
38) Carbon Tetrachloride	5.672	117	26278	20.106	ug/l	95
39) Methylcyclohexane	7.379	83	34234	19.978	ug/l	94
40) Benzene	6.037	78	81010	20.048	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19290	20.721	ug/l	98
42) 1,2-Dichloroethane	6.086	62	34266	22.305	ug/l	98
43) Isopropyl Acetate	6.336	43	55907	20.019	ug/l	98
44) Trichloroethene	7.123	130	19961	20.156	ug/l	92
45) 1,2-Dichloropropane	7.427	63	21941	20.241	ug/l	96
46) Dibromomethane	7.580	93	16094	21.496	ug/l	97
47) Bromodichloromethane	7.818	83	30226	21.798	ug/l	99
48) Methyl methacrylate	7.690	41	27936	20.351	ug/l	96
49) 1,4-Dioxane	7.653	88	10269	386.609	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	193277	100.488	ug/l	97
52) Toluene	8.714	92	51698	21.420	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	30743	20.894	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	32815	20.282	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	21818	21.232	ug/l	97
56) Ethyl methacrylate	9.116	69	33311	20.029	ug/l #	94
57) 1,3-Dichloropropane	9.305	76	36634	21.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	64705	82.310	ug/l	97
59) 2-Hexanone	9.427	43	157024	103.152	ug/l	97
60) Dibromochloromethane	9.518	129	21079	21.752	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23668	22.242	ug/l	97
64) Tetrachloroethene	9.275	164	17124	20.634	ug/l	97
65) Chlorobenzene	10.079	112	54190	20.388	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	19134	21.142	ug/l	99
67) Ethyl Benzene	10.189	91	101487	20.567	ug/l	96
68) m/p-Xylenes	10.299	106	75285	41.484	ug/l	92
69) o-Xylene	10.640	106	37269	20.737	ug/l	98
70) Styrene	10.652	104	60609	20.645	ug/l	97
71) Bromoform	10.799	173	14389	21.173	ug/l #	99
73) Isopropylbenzene	10.963	105	98830	19.008	ug/l	100
74) N-amyl acetate	10.841	43	47651	17.582	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	37249	18.762	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31226m	18.443	ug/l	
77) Bromobenzene	11.195	156	21990	18.996	ug/l	95
78) n-propylbenzene	11.299	91	121990	19.385	ug/l	98
79) 2-Chlorotoluene	11.360	91	72228	18.571	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	85738	19.416	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	8453	16.650	ug/l	91
82) 4-Chlorotoluene	11.451	91	85816	19.452	ug/l	98
83) tert-Butylbenzene	11.713	119	79527	18.864	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	84537	19.189	ug/l	98
85) sec-Butylbenzene	11.890	105	107736	19.686	ug/l	97
86) p-Isopropyltoluene	12.006	119	87336	19.968	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	44027	19.840	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	45069	19.664	ug/l	98
89) n-Butylbenzene	12.329	91	84968	20.113	ug/l	96
90) Hexachloroethane	12.536	117	13477	18.264	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	42295	19.279	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8937	18.370	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	26773	19.970	ug/l	98
94) Hexachlorobutadiene	13.725	225	11358	20.380	ug/l	98
95) Naphthalene	13.774	128	90463	18.329	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	26275	19.419	ug/l	98

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

