

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039926.D
 Acq On : 24 Jan 2024 11:10
 Operator : JC/MD
 Sample : VX0124WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

Quant Time: Jan 25 01:34:53 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	5.556	168	84991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151193	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67811	47.629	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.260%		
35) Dibromofluoromethane	5.385	113	48998	48.115	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.240%		
50) Toluene-d8	8.647	98	176653	45.994	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.980%#		
62) 4-Bromofluorobenzene	11.079	95	71146	47.370	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22732	20.672	ug/l	95
3) Chloromethane	1.294	50	22612	18.006	ug/l	95
4) Vinyl Chloride	1.374	62	21674	18.288	ug/l	93
5) Bromomethane	1.605	94	13963	20.648	ug/l	97
6) Chloroethane	1.691	64	13279	19.709	ug/l	98
7) Trichlorofluoromethane	1.886	101	34451	20.151	ug/l	96
8) Diethyl Ether	2.130	74	11648	18.436	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	20254	19.109	ug/l	97
10) Methyl Iodide	2.453	142	21317	19.064	ug/l	95
11) Tert butyl alcohol	2.953	59	29815	80.449	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	19110	18.682	ug/l	99
13) Acrolein	2.233	56	22378	88.294	ug/l	99
14) Allyl chloride	2.666	41	34322	17.047	ug/l	97
15) Acrylonitrile	3.062	53	67149	87.714	ug/l	99
16) Acetone	2.373	43	74209	92.681	ug/l	98
17) Carbon Disulfide	2.514	76	52364	17.810	ug/l	99
18) Methyl Acetate	2.703	43	34170	20.398	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	66318	18.261	ug/l	99
20) Methylene Chloride	2.788	84	22619	18.676	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	19887	18.474	ug/l	95
22) Diisopropyl ether	3.757	45	70654	18.389	ug/l	95
23) Vinyl Acetate	3.721	43	315805	88.425	ug/l	99
24) 1,1-Dichloroethane	3.611	63	38883	18.396	ug/l	99
25) 2-Butanone	4.550	43	101805	88.476	ug/l	98
26) 2,2-Dichloropropane	4.477	77	29472	17.373	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	23103	18.712	ug/l	100
28) Bromochloromethane	4.897	49	15235	15.901	ug/l	96
29) Tetrahydrofuran	5.001	42	64187	86.668	ug/l	99
30) Chloroform	5.093	83	40942	19.621	ug/l	99
31) Cyclohexane	5.470	56	33506	17.832	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	34678	19.412	ug/l	99
36) 1,1-Dichloropropene	5.690	75	30050	18.958	ug/l	98
37) Ethyl Acetate	4.708	43	36640	17.327	ug/l	99
38) Carbon Tetrachloride	5.678	117	27484	18.931	ug/l	94
39) Methylcyclohexane	7.379	83	35040	18.409	ug/l	98
40) Benzene	6.044	78	85774	19.110	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	18910	18.287	ug/l	92
42) 1,2-Dichloroethane	6.086	62	35035	20.531	ug/l	99
43) Isopropyl Acetate	6.336	43	55478	17.884	ug/l	98
44) Trichloroethene	7.123	130	21148	19.225	ug/l	96
45) 1,2-Dichloropropane	7.427	63	22154	18.399	ug/l	97
46) Dibromomethane	7.580	93	16392	19.710	ug/l	96
47) Bromodichloromethane	7.824	83	30204	19.610	ug/l	96
48) Methyl methacrylate	7.690	41	27626	18.118	ug/l	94
49) 1,4-Dioxane	7.659	88	10202	345.783	ug/l #	93
51) 4-Methyl-2-Pentanone	8.567	43	201683	94.401	ug/l	97
52) Toluene	8.720	92	52036	19.410	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	31512	19.281	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	34077	18.962	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	21707	19.018	ug/l	93
56) Ethyl methacrylate	9.116	69	33761	18.275	ug/l #	92
57) 1,3-Dichloropropane	9.305	76	37609	19.443	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	65011	74.452	ug/l	96
59) 2-Hexanone	9.427	43	163353	96.608	ug/l	97
60) Dibromochloromethane	9.519	129	21531	20.002	ug/l	100
61) 1,2-Dibromoethane	9.610	107	23342	19.748	ug/l	100
64) Tetrachloroethene	9.275	164	17963	19.693	ug/l	98
65) Chlorobenzene	10.079	112	55868	19.123	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	19195	19.296	ug/l	99
67) Ethyl Benzene	10.195	91	103334	19.052	ug/l	99
68) m/p-Xylenes	10.299	106	79155	39.682	ug/l	99
69) o-Xylene	10.640	106	37503	18.985	ug/l	95
70) Styrene	10.652	104	63389	19.644	ug/l	98
71) Bromoform	10.799	173	14521	19.440	ug/l #	99
73) Isopropylbenzene	10.963	105	101464	18.160	ug/l	99
74) N-amyl acetate	10.841	43	49091	16.856	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	37877	17.753	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	32174m	17.684	ug/l	
77) Bromobenzene	11.195	156	22546	18.123	ug/l	94
78) n-propylbenzene	11.305	91	125338	18.534	ug/l	99
79) 2-Chlorotoluene	11.360	91	73518	17.590	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	88120	18.570	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	8462	15.623	ug/l	88
82) 4-Chlorotoluene	11.451	91	87227	18.399	ug/l	99
83) tert-Butylbenzene	11.713	119	81782	18.052	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	87154	18.409	ug/l	99
85) sec-Butylbenzene	11.890	105	110139	18.728	ug/l	99
86) p-Isopropyltoluene	12.006	119	88236	18.773	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	44546	18.680	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	44783	18.183	ug/l	97
89) n-Butylbenzene	12.329	91	86305	19.011	ug/l	95
90) Hexachloroethane	12.536	117	13783	17.382	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	42860	18.180	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9337	17.859	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	26684	18.521	ug/l	99
94) Hexachlorobutadiene	13.725	225	11757	19.631	ug/l	98
95) Naphthalene	13.774	128	91675	17.285	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	26735	18.387	ug/l	100

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

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