

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041296.D
 Acq On : 30 Apr 2024 13:53
 Operator : JC/MD
 Sample : VX0430WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBS01

Quant Time: May 01 02:44:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	215761	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	301833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	119408	50.837	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.680%		
35) Dibromofluoromethane	5.379	113	97670	47.750	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.500%		
50) Toluene-d8	8.647	98	310633	47.982	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.960%		
62) 4-Bromofluorobenzene	11.079	95	132207	52.754	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	39891	22.500	ug/l	99
3) Chloromethane	1.295	50	39304	21.424	ug/l	100
4) Vinyl Chloride	1.374	62	37891	21.666	ug/l	99
5) Bromomethane	1.599	94	19544	17.826	ug/l	95
6) Chloroethane	1.666	64	16668	20.527	ug/l	97
7) Trichlorofluoromethane	1.868	101	57135	18.946	ug/l	99
8) Diethyl Ether	2.136	74	20761	19.532	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	37156	21.922	ug/l	# 86
10) Methyl Iodide	2.447	142	32383	17.752	ug/l	90
11) Tert butyl alcohol	3.008	59	43290	92.081	ug/l	# 91
12) 1,1-Dichloroethene	2.307	96	36030	21.549	ug/l	85
13) Acrolein	2.240	56	37925	101.685	ug/l	97
14) Allyl chloride	2.654	41	58721	20.904	ug/l	97
15) Acrylonitrile	3.069	53	102073	95.130	ug/l	99
16) Acetone	2.386	43	97846	92.126	ug/l	98
17) Carbon Disulfide	2.502	76	81534	20.745	ug/l	100
18) Methyl Acetate	2.703	43	44376	18.466	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	119167	19.552	ug/l	100
20) Methylene Chloride	2.782	84	39956	19.595	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	36534	19.552	ug/l	88
22) Diisopropyl ether	3.764	45	116641	19.593	ug/l	91
23) Vinyl Acetate	3.721	43	537129	100.862	ug/l	96
24) 1,1-Dichloroethane	3.605	63	66249	19.698	ug/l	98
25) 2-Butanone	4.562	43	147908	97.292	ug/l	99
26) 2,2-Dichloropropane	4.471	77	55674	19.798	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	44465	20.099	ug/l	90
28) Bromochloromethane	4.898	49	21544	17.949	ug/l	# 74
29) Tetrahydrofuran	5.007	42	95792	96.348	ug/l	95
30) Chloroform	5.087	83	70166	20.053	ug/l	91
31) Cyclohexane	5.458	56	55970	19.743	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	62348	19.585	ug/l	97
36) 1,1-Dichloropropene	5.690	75	47606	19.464	ug/l	96
37) Ethyl Acetate	4.715	43	59012	19.337	ug/l	99
38) Carbon Tetrachloride	5.672	117	54799	19.558	ug/l	97
39) Methylcyclohexane	7.373	83	58564	20.381	ug/l	95
40) Benzene	6.032	78	147328	19.540	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	29451	18.750	ug/l	94
42) 1,2-Dichloroethane	6.080	62	54852	19.850	ug/l	97
43) Isopropyl Acetate	6.342	43	87180	19.000	ug/l	98
44) Trichloroethene	7.123	130	41070	20.628	ug/l	84
45) 1,2-Dichloropropane	7.428	63	33478	19.873	ug/l	100
46) Dibromomethane	7.580	93	25971	19.366	ug/l #	78
47) Bromodichloromethane	7.818	83	45228	18.925	ug/l	97
48) Methyl methacrylate	7.696	41	38352	18.233	ug/l	94
49) 1,4-Dioxane	7.671	88	16608	365.199	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	259510	94.253	ug/l	99
52) Toluene	8.714	92	85464	18.529	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	40270	17.007	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	44721	17.022	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	33534	18.879	ug/l	98
56) Ethyl methacrylate	9.116	69	49511	18.011	ug/l	98
57) 1,3-Dichloropropane	9.305	76	51295	17.303	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	133697	100.303	ug/l	92
59) 2-Hexanone	9.433	43	207886	94.422	ug/l	99
60) Dibromochloromethane	9.519	129	37241	17.810	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35274	18.051	ug/l	100
64) Tetrachloroethene	9.269	164	34231	18.859	ug/l	91
65) Chlorobenzene	10.080	112	93584	18.392	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	35641	19.824	ug/l	98
67) Ethyl Benzene	10.189	91	166428	19.825	ug/l	99
68) m/p-Xylenes	10.299	106	132816	39.507	ug/l	95
69) o-Xylene	10.640	106	69073	21.459	ug/l	96
70) Styrene	10.653	104	113311	21.452	ug/l	96
71) Bromoform	10.799	173	33361	20.734	ug/l #	99
73) Isopropylbenzene	10.964	105	183487	19.520	ug/l	97
74) N-amyl acetate	10.842	43	77202	18.799	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	60869	19.761	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	50135m	19.977	ug/l	
77) Bromobenzene	11.195	156	52869	19.928	ug/l	78
78) n-propylbenzene	11.305	91	203485	20.611	ug/l	96
79) 2-Chlorotoluene	11.366	91	127389	20.023	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	155996	20.357	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	16152	17.531	ug/l	96
82) 4-Chlorotoluene	11.451	91	145284	20.115	ug/l	93
83) tert-Butylbenzene	11.713	119	167326	20.391	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	159243	20.653	ug/l	94
85) sec-Butylbenzene	11.890	105	197278	20.978	ug/l	95
86) p-Isopropyltoluene	12.006	119	174815	20.699	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	95703	19.846	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	97988	19.723	ug/l	96
89) n-Butylbenzene	12.329	91	129519	19.071	ug/l	96
90) Hexachloroethane	12.536	117	23573	16.690	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	91276	17.920	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11021	15.484	ug/l	62
93) 1,2,4-Trichlorobenzene	13.585	180	56923	15.988	ug/l	95
94) Hexachlorobutadiene	13.725	225	30844	17.348	ug/l	98
95) Naphthalene	13.774	128	178843	16.951	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	67000	18.413	ug/l	95

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

