

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012924\
 Data File : VX040001.D
 Acq On : 29 Jan 2024 17:06
 Operator : JC/MD
 Sample : VX0129WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2024
 Supervised By : Mahesh Dadoda 01/30/2024

Quant Time: Jan 30 02:47:42 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	5.549	168	46744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	90081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46106	58.881	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 117.760%#			
35) Dibromofluoromethane	5.391	113	32176	53.031	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.060%			
50) Toluene-d8	8.646	98	115447	50.450	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.900%			
62) 4-Bromofluorobenzene	11.079	95	43348	48.442	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	15955	26.381	ug/l	99
3) Chloromethane	1.294	50	15258	22.091	ug/l	96
4) Vinyl Chloride	1.373	62	15421	23.658	ug/l	97
5) Bromomethane	1.605	94	10205	27.438	ug/l	94
6) Chloroethane	1.690	64	9895	26.703	ug/l	99
7) Trichlorofluoromethane	1.892	101	23475	24.965	ug/l	96
8) Diethyl Ether	2.135	74	8868	25.520	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	14343	24.604	ug/l	95
10) Methyl Iodide	2.452	142	14496	23.571	ug/l	94
11) Tert butyl alcohol	2.952	59	20987	102.963	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	13569	24.118	ug/l	96
13) Acrolein	2.239	56	19602	150.261	ug/l	92
14) Allyl chloride	2.666	41	25605	23.124	ug/l	95
15) Acrylonitrile	3.062	53	52568	124.853	ug/l	99
16) Acetone	2.373	43	57341	130.211	ug/l	99
17) Carbon Disulfide	2.513	76	38167	23.603	ug/l	100
18) Methyl Acetate	2.702	43	28052	30.448	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	47147	23.605	ug/l	99
20) Methylene Chloride	2.794	84	15364	23.065	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	13663	23.077	ug/l	99
22) Diisopropyl ether	3.757	45	54831	25.948	ug/l	87
23) Vinyl Acetate	3.721	43	246356	125.419	ug/l	96
24) 1,1-Dichloroethane	3.611	63	29377	25.270	ug/l	99
25) 2-Butanone	4.550	43	77183	121.962	ug/l	97
26) 2,2-Dichloropropane	4.476	77	20560	22.036	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	16402	24.154	ug/l	98
28) Bromochloromethane	4.903	49	11870	22.526	ug/l	87
29) Tetrahydrofuran	5.001	42	49925	122.568	ug/l	98
30) Chloroform	5.092	83	27757	24.187	ug/l	87
31) Cyclohexane	5.470	56	23995	23.219	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	22836	23.243	ug/l	94
36) 1,1-Dichloropropene	5.696	75	21254	22.505	ug/l	98
37) Ethyl Acetate	4.714	43	29986	23.800	ug/l #	97
38) Carbon Tetrachloride	5.684	117	17060	19.723	ug/l	85
39) Methylcyclohexane	7.378	83	22786	20.092	ug/l	100
40) Benzene	6.037	78	59499	22.249	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	13953m	22.647	ug/l	
42) 1,2-Dichloroethane	6.092	62	24878	24.469	ug/l	97
43) Isopropyl Acetate	6.336	43	44368	24.006	ug/l	95
44) Trichloroethene	7.128	130	13497	20.594	ug/l	99
45) 1,2-Dichloropropane	7.433	63	16346	22.786	ug/l #	86
46) Dibromomethane	7.586	93	11448	23.104	ug/l	91
47) Bromodichloromethane	7.823	83	20811	22.678	ug/l #	98
48) Methyl methacrylate	7.689	41	21281	23.425	ug/l	95
49) 1,4-Dioxane	7.659	88	7084	402.991	ug/l #	98
51) 4-Methyl-2-Pentanone	8.573	43	154088	121.053	ug/l	96
52) Toluene	8.720	92	34716	21.734	ug/l	90
53) t-1,3-Dichloropropene	8.976	75	21162	21.732	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	22818	21.310	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	15195	22.344	ug/l	99
56) Ethyl methacrylate	9.116	69	24077	21.875	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	26004	22.564	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	53491	102.817	ug/l	90
59) 2-Hexanone	9.427	43	131232	130.264	ug/l	95
60) Dibromochloromethane	9.518	129	13326	20.779	ug/l	98
61) 1,2-Dibromoethane	9.610	107	15067	21.395	ug/l	98
64) Tetrachloroethene	9.274	164	9704	12.549	ug/l	94
65) Chlorobenzene	10.079	112	57404	23.178	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.158	131	20166	23.913	ug/l	97
67) Ethyl Benzene	10.195	91	103091	22.421	ug/l	100
68) m/p-Xylenes	10.299	106	50565	29.903	ug/l	94
69) o-Xylene	10.640	106	23942	14.297	ug/l	95
70) Styrene	10.652	104	40926	14.961	ug/l	99
71) Bromoform	10.799	173	8528	13.468	ug/l #	96
73) Isopropylbenzene	10.963	105	64637	12.224	ug/l	100
74) N-amyl acetate	10.841	43	49076	17.805	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	26379	13.064	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	20959m	12.172	ug/l	
77) Bromobenzene	11.195	156	14105	11.980	ug/l	92
78) n-propylbenzene	11.305	91	86176	13.465	ug/l	94
79) 2-Chlorotoluene	11.366	91	47136	11.916	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	54498	12.135	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	6485	12.946	ug/l	92
82) 4-Chlorotoluene	11.457	91	55081	12.276	ug/l	98
83) tert-Butylbenzene	11.713	119	50605	11.802	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	55089	12.295	ug/l	100
85) sec-Butylbenzene	11.890	105	111886	20.102	ug/l	99
86) p-Isopropyltoluene	12.006	119	87096	19.579	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	45717	20.257	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	43877	18.824	ug/l	99
89) n-Butylbenzene	12.335	91	56985	13.263	ug/l	94
90) Hexachloroethane	12.536	117	9029	12.031	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	26527	11.889	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	6487	13.111	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	28705	21.052	ug/l	98
94) Hexachlorobutadiene	13.725	225	10391	18.332	ug/l	97
95) Naphthalene	13.774	128	103270	20.573	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28702	20.857	ug/l	98

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

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