

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061124\
 Data File : VX041828.D
 Acq On : 11 Jun 2024 15:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024
 Supervised By :Mahesh Dadoda 06/12/2024

Quant Time: Jun 12 05:50:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	201266	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	290559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117502	47.601	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.200%		
35) Dibromofluoromethane	5.379	113	95564	47.570	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.140%		
50) Toluene-d8	8.647	98	339365	48.347	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.700%		
62) 4-Bromofluorobenzene	11.079	95	129754	50.084	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	80695	45.629	ug/l	100
3) Chloromethane	1.300	50	85002	44.052	ug/l	97
4) Vinyl Chloride	1.374	62	88079	44.342	ug/l	99
5) Bromomethane	1.599	94	58341	42.173	ug/l	99
6) Chloroethane	1.666	64	54740	45.594	ug/l	99
7) Trichlorofluoromethane	1.867	101	158829	48.965	ug/l	100
8) Diethyl Ether	2.136	74	63409	50.721	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	85697	46.625	ug/l	89
10) Methyl Iodide	2.447	142	109473	47.764	ug/l	89
11) Tert butyl alcohol	2.989	59	105869	242.446	ug/l	# 92
12) 1,1-Dichloroethene	2.306	96	79983	44.581	ug/l	91
13) Acrolein	2.239	56	95266	234.311	ug/l	98
14) Allyl chloride	2.654	41	143963	48.776	ug/l	98
15) Acrylonitrile	3.068	53	260904	243.630	ug/l	99
16) Acetone	2.386	43	288185	271.335	ug/l	97
17) Carbon Disulfide	2.501	76	161611	40.720	ug/l	100
18) Methyl Acetate	2.703	43	126750	53.776	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	279532	46.569	ug/l	99
20) Methylene Chloride	2.782	84	93541	42.345	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	83402	44.805	ug/l	88
22) Diisopropyl ether	3.763	45	291457	48.319	ug/l	# 85
23) Vinyl Acetate	3.721	43	1311059	241.938	ug/l	97
24) 1,1-Dichloroethane	3.605	63	160832	47.154	ug/l	98
25) 2-Butanone	4.556	43	395889	258.047	ug/l	99
26) 2,2-Dichloropropane	4.465	77	130651	46.688	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	105096	47.232	ug/l	91
28) Bromochloromethane	4.891	49	69167	47.083	ug/l	85
29) Tetrahydrofuran	5.007	42	238270	246.266	ug/l	97
30) Chloroform	5.086	83	167064	46.652	ug/l	96
31) Cyclohexane	5.458	56	133254	45.724	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	145596	46.395	ug/l	98
36) 1,1-Dichloropropene	5.684	75	111904	46.004	ug/l	97
37) Ethyl Acetate	4.714	43	145030	47.244	ug/l	99
38) Carbon Tetrachloride	5.665	117	125361	45.361	ug/l	96
39) Methylcyclohexane	7.373	83	142986	47.846	ug/l	95
40) Benzene	6.031	78	351698	46.256	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	78530	52.307	ug/l	97
42) 1,2-Dichloroethane	6.080	62	131875	46.462	ug/l	97
43) Isopropyl Acetate	6.336	43	220707	47.619	ug/l	98
44) Trichloroethene	7.116	130	94809	45.849	ug/l	88
45) 1,2-Dichloropropane	7.427	63	87678	48.501	ug/l	100
46) Dibromomethane	7.574	93	65539	47.268	ug/l #	82
47) Bromodichloromethane	7.818	83	123580	48.135	ug/l	97
48) Methyl methacrylate	7.690	41	112489	50.539	ug/l	96
49) 1,4-Dioxane	7.659	88	49316	1014.062	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	757692	252.104	ug/l	99
52) Toluene	8.714	92	227214	47.089	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	124423	49.235	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	137921	49.334	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	93211	47.921	ug/l	97
56) Ethyl methacrylate	9.116	69	150379	50.652	ug/l	99
57) 1,3-Dichloropropane	9.305	76	154867	47.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	351571	251.532	ug/l	96
59) 2-Hexanone	9.427	43	603520	263.387	ug/l	98
60) Dibromochloromethane	9.518	129	105613	48.946	ug/l	100
61) 1,2-Dibromoethane	9.604	107	97640	47.562	ug/l	99
64) Tetrachloroethene	9.269	164	91205	45.265	ug/l	93
65) Chlorobenzene	10.079	112	265960	46.097	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	94358	47.131	ug/l	99
67) Ethyl Benzene	10.189	91	439640	47.814	ug/l	100
68) m/p-Xylenes	10.299	106	348118	95.169	ug/l	94
69) o-Xylene	10.640	106	171239	47.058	ug/l	95
70) Styrene	10.652	104	294740	49.039	ug/l	96
71) Bromoform	10.799	173	83403	47.835	ug/l #	99
73) Isopropylbenzene	10.963	105	446615	48.591	ug/l	97
74) N-amyl acetate	10.841	43	205083	50.370	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	152756	46.831	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	126089m	48.771	ug/l	
77) Bromobenzene	11.195	156	125452	46.240	ug/l	82
78) n-propylbenzene	11.305	91	508091	50.342	ug/l	97
79) 2-Chlorotoluene	11.360	91	309345	47.687	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	378769	49.356	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	46387	48.902	ug/l	96
82) 4-Chlorotoluene	11.451	91	361049	48.922	ug/l	94
83) tert-Butylbenzene	11.713	119	395498	47.844	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	383231	49.288	ug/l	94
85) sec-Butylbenzene	11.890	105	476832	50.314	ug/l	96
86) p-Isopropyltoluene	12.006	119	418714	50.376	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	229556	47.377	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	233144	46.679	ug/l	96
89) n-Butylbenzene	12.335	91	346135	52.605	ug/l	98
90) Hexachloroethane	12.536	117	68397	48.382	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	229678	46.537	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33406	50.694	ug/l	66
93) 1,2,4-Trichlorobenzene	13.585	180	159471	49.027	ug/l	96
94) Hexachlorobutadiene	13.725	225	76727	47.612	ug/l	99
95) Naphthalene	13.774	128	478870	49.889	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	163888	48.957	ug/l	97

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

