

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042984.D
 Acq On : 09 Aug 2024 09:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/09/2024
 Supervised By : Mahesh Dadoda 08/09/2024

Quant Time: Aug 09 14:57:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	175619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	325069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162344	67.337	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 134.680%#			
35) Dibromofluoromethane	5.391	113	123192	57.960	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.920%			
50) Toluene-d8	8.647	98	393792	52.189	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.380%			
62) 4-Bromofluorobenzene	11.079	95	140495	51.816	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	88249	46.620	ug/l	99
3) Chloromethane	1.301	50	124972	60.592	ug/l	98
4) Vinyl Chloride	1.374	62	113210	57.851	ug/l	98
5) Bromomethane	1.599	94	72580	61.283	ug/l	99
6) Chloroethane	1.666	64	63654	57.097	ug/l	96
7) Trichlorofluoromethane	1.868	101	127963	42.047	ug/l	99
8) Diethyl Ether	2.136	74	70528	63.005	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	74696	39.038	ug/l	96
10) Methyl Iodide	2.441	142	138066	69.783	ug/l	94
11) Tert butyl alcohol	3.002	59	155396	324.050	ug/l #	91
12) 1,1-Dichloroethene	2.307	96	97659	50.451	ug/l	93
13) Acrolein	2.239	56	157941	334.138	ug/l	97
14) Allyl chloride	2.660	41	172888	59.110	ug/l	93
15) Acrylonitrile	3.075	53	404202	330.242	ug/l	98
16) Acetone	2.392	43	346444	331.302	ug/l	92
17) Carbon Disulfide	2.502	76	218788	46.447	ug/l	100
18) Methyl Acetate	2.709	43	228661	68.956	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	416851	63.981	ug/l	99
20) Methylene Chloride	2.788	84	134514	62.600	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	105678	54.264	ug/l	93
22) Diisopropyl ether	3.770	45	412653	64.222	ug/l	88
23) Vinyl Acetate	3.727	43	2346595	321.780	ug/l	98
24) 1,1-Dichloroethane	3.605	63	224656	60.793	ug/l	99
25) 2-Butanone	4.568	43	557269	339.343	ug/l	96
26) 2,2-Dichloropropane	4.477	77	76485	33.667	ug/l	89
27) cis-1,2-Dichloroethene	4.483	96	137713	59.627	ug/l	88
28) Bromochloromethane	4.904	49	86832	61.237	ug/l	95
29) Tetrahydrofuran	5.013	42	364610	328.568	ug/l	97
30) Chloroform	5.099	83	233211	60.283	ug/l	99
31) Cyclohexane	5.464	56	112407	37.262	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	177495	52.118	ug/l	98
36) 1,1-Dichloropropene	5.690	75	118711	41.195	ug/l	98
37) Ethyl Acetate	4.721	43	213546	59.227	ug/l	100
38) Carbon Tetrachloride	5.672	117	137670	42.321	ug/l	93
39) Methylcyclohexane	7.379	83	108774	31.753	ug/l	97
40) Benzene	6.038	78	469901	52.541	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	112812	60.748	ug/l	94
42) 1,2-Dichloroethane	6.086	62	184883	56.833	ug/l	100
43) Isopropyl Acetate	6.348	43	319914	59.996	ug/l	99
44) Trichloroethene	7.129	130	103288	45.962	ug/l	92
45) 1,2-Dichloropropane	7.434	63	122457	53.976	ug/l	99
46) Dibromomethane	7.580	93	93360	56.029	ug/l	95
47) Bromodichloromethane	7.824	83	174558	56.393	ug/l	97
48) Methyl methacrylate	7.696	41	158476	61.982	ug/l	93
49) 1,4-Dioxane	7.671	88	73455	1294.175	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	1113117	311.647	ug/l	99
52) Toluene	8.720	92	268994	49.584	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	149799	52.352	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	163966	51.887	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	126763	57.478	ug/l	93
56) Ethyl methacrylate	9.116	69	210522	59.320	ug/l	96
57) 1,3-Dichloropropane	9.311	76	206561	57.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	522419	312.332	ug/l	98
59) 2-Hexanone	9.433	43	856253	309.382	ug/l	97
60) Dibromochloromethane	9.525	129	134108	55.354	ug/l	100
61) 1,2-Dibromoethane	9.610	107	131103	56.265	ug/l	99
64) Tetrachloroethene	9.275	164	86658	43.186	ug/l	94
65) Chlorobenzene	10.079	112	296891	48.479	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	113172	53.594	ug/l	99
67) Ethyl Benzene	10.195	91	474820	46.094	ug/l	99
68) m/p-Xylenes	10.299	106	359804	91.494	ug/l	100
69) o-Xylene	10.640	106	190011	48.234	ug/l	100
70) Styrene	10.653	104	330879	52.232	ug/l	98
71) Bromoform	10.799	173	96031	53.451	ug/l #	99
73) Isopropylbenzene	10.964	105	429221	44.327	ug/l	99
74) N-amyl acetate	10.842	43	270394	62.060	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	206921	58.332	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	165950m	55.095	ug/l	
77) Bromobenzene	11.201	156	126936	51.534	ug/l	92
78) n-propylbenzene	11.305	91	458409	42.619	ug/l	99
79) 2-Chlorotoluene	11.366	91	325982	47.285	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	370915	46.261	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	47487	51.262	ug/l	95
82) 4-Chlorotoluene	11.457	91	369690	47.709	ug/l	99
83) tert-Butylbenzene	11.713	119	353064	42.849	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	386356	47.865	ug/l	99
85) sec-Butylbenzene	11.890	105	405505	41.794	ug/l	99
86) p-Isopropyltoluene	12.006	119	344059	42.682	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	211652	47.479	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	215185	47.095	ug/l	98
89) n-Butylbenzene	12.335	91	276387	39.744	ug/l	97
90) Hexachloroethane	12.536	117	61867	41.957	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	229551	51.424	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	46612	59.802	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	125913	46.243	ug/l	97
94) Hexachlorobutadiene	13.725	225	41002	35.506	ug/l	97
95) Naphthalene	13.774	128	538735	57.177	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	140571	51.287	ug/l	98

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

