

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060424\
 Data File : VX041734.D
 Acq On : 04 Jun 2024 17:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/05/2024
 Supervised By : Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 04:57:48 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	200922	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	288801	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	270798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	150206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	116769	47.385	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.780%		
35) Dibromofluoromethane	5.379	113	94715	47.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.860%		
50) Toluene-d8	8.647	98	341733	48.981	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.960%		
62) 4-Bromofluorobenzene	11.079	95	132260	51.362	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.720%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	97777	55.383	ug/l	98
3) Chloromethane	1.301	50	98228	50.994	ug/l	99
4) Vinyl Chloride	1.374	62	103171	52.029	ug/l	99
5) Bromomethane	1.593	94	70234	50.857	ug/l	98
6) Chloroethane	1.660	64	59136	49.340	ug/l	95
7) Trichlorofluoromethane	1.868	101	158563	48.967	ug/l	100
8) Diethyl Ether	2.136	74	64661	51.811	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.313	101	100839	54.958	ug/l	89
10) Methyl Iodide	2.441	142	122028	53.333	ug/l	92
11) Tert butyl alcohol	2.995	59	125807	288.598	ug/l	# 91
12) 1,1-Dichloroethene	2.307	96	95396	53.263	ug/l	88
13) Acrolein	2.239	56	107468	264.775	ug/l	99
14) Allyl chloride	2.654	41	160672	54.530	ug/l	97
15) Acrylonitrile	3.069	53	304424	284.756	ug/l	99
16) Acetone	2.392	43	275596	259.448	ug/l	97
17) Carbon Disulfide	2.496	76	210786	53.201	ug/l	98
18) Methyl Acetate	2.709	43	137974	58.638	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	328974	54.899	ug/l	100
20) Methylene Chloride	2.782	84	107728	48.851	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	98629	53.076	ug/l	93
22) Diisopropyl ether	3.764	45	329854	54.778	ug/l	86
23) Vinyl Acetate	3.721	43	1547301	286.022	ug/l	97
24) 1,1-Dichloroethane	3.599	63	181761	53.381	ug/l	98
25) 2-Butanone	4.562	43	445579	290.933	ug/l	97
26) 2,2-Dichloropropane	4.465	77	149950	53.676	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	120952	54.450	ug/l	91
28) Bromochloromethane	4.891	49	70235	47.892	ug/l	# 81
29) Tetrahydrofuran	5.007	42	287496	297.653	ug/l	97
30) Chloroform	5.087	83	193660	54.172	ug/l	96
31) Cyclohexane	5.458	56	156828	53.905	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	174108	55.576	ug/l	98
36) 1,1-Dichloropropene	5.684	75	132082	54.630	ug/l	97
37) Ethyl Acetate	4.715	43	173541	56.875	ug/l	99
38) Carbon Tetrachloride	5.666	117	152448	55.498	ug/l	99
39) Methylcyclohexane	7.373	83	168941	56.876	ug/l	92
40) Benzene	6.031	78	403948	53.452	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	94823	63.543	ug/l	97
42) 1,2-Dichloroethane	6.080	62	151347	53.647	ug/l	96
43) Isopropyl Acetate	6.342	43	264791	57.479	ug/l	98
44) Trichloroethene	7.117	130	112082	54.532	ug/l	91
45) 1,2-Dichloropropane	7.428	63	98904	55.044	ug/l	99
46) Dibromomethane	7.574	93	75543	54.815	ug/l #	81
47) Bromodichloromethane	7.818	83	146716	57.495	ug/l	98
48) Methyl methacrylate	7.690	41	132533	59.907	ug/l	96
49) 1,4-Dioxane	7.659	88	54807	1133.831	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	895691	299.834	ug/l	98
52) Toluene	8.714	92	267025	55.676	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	151010	60.119	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	162740	58.566	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	107918	55.820	ug/l	98
56) Ethyl methacrylate	9.116	69	180377	61.126	ug/l	98
57) 1,3-Dichloropropane	9.305	76	177473	55.292	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	486205	349.973	ug/l	94
59) 2-Hexanone	9.427	43	702179	308.309	ug/l	98
60) Dibromochloromethane	9.519	129	129570	60.415	ug/l	99
61) 1,2-Dibromoethane	9.610	107	114134	55.935	ug/l	99
64) Tetrachloroethene	9.269	164	109237	53.822	ug/l	92
65) Chlorobenzene	10.073	112	313688	53.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	113657	56.360	ug/l	98
67) Ethyl Benzene	10.189	91	517553	55.880	ug/l	98
68) m/p-Xylenes	10.299	106	414351	112.456	ug/l	94
69) o-Xylene	10.640	106	204494	55.790	ug/l	94
70) Styrene	10.653	104	350582	57.908	ug/l	96
71) Bromoform	10.799	173	104564	59.538	ug/l #	99
73) Isopropylbenzene	10.964	105	532022	57.100	ug/l	97
74) N-amyl acetate	10.842	43	247042	59.855	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	176601	53.409	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	151838m	57.936	ug/l	
77) Bromobenzene	11.195	156	150440	54.701	ug/l	81
78) n-propylbenzene	11.305	91	600164	58.661	ug/l	97
79) 2-Chlorotoluene	11.360	91	365522	55.585	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	451538	58.043	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	57043	59.322	ug/l	93
82) 4-Chlorotoluene	11.451	91	422101	56.422	ug/l	93
83) tert-Butylbenzene	11.713	119	478392	57.089	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	452919	57.463	ug/l	94
85) sec-Butylbenzene	11.890	105	569169	59.245	ug/l	95
86) p-Isopropyltoluene	12.006	119	504155	59.836	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	272591	55.498	ug/l	95
88) 1,4-Dichlorobenzene	12.037	146	275781	54.469	ug/l	96
89) n-Butylbenzene	12.329	91	415153	62.241	ug/l	98
90) Hexachloroethane	12.536	117	84575	59.017	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	274864	54.939	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	42108	63.036	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	192728	58.450	ug/l	96
94) Hexachlorobutadiene	13.725	225	94139	57.627	ug/l	100
95) Naphthalene	13.774	128	592285	60.871	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	196562	57.923	ug/l	95

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

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