

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041693.D
 Acq On : 03 Jun 2024 10:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/04/2024
 Supervised By : Mahesh Dadoda 06/04/2024

Quant Time: Jun 04 00:42:44 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	193297	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	276794	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	142787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111421	46.999	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.000%		
35) Dibromofluoromethane	5.379	113	91495	47.810	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.620%		
50) Toluene-d8	8.647	98	322702	48.259	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.520%		
62) 4-Bromofluorobenzene	11.079	95	121556	49.253	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	84847	49.955	ug/l	97
3) Chloromethane	1.300	50	84995	45.865	ug/l	98
4) Vinyl Chloride	1.374	62	90861	47.628	ug/l	99
5) Bromomethane	1.599	94	59897	45.083	ug/l	98
6) Chloroethane	1.666	64	51052	44.275	ug/l	95
7) Trichlorofluoromethane	1.867	101	140807	45.199	ug/l	99
8) Diethyl Ether	2.136	74	54618	45.491	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.312	101	84795	48.037	ug/l	89
10) Methyl Iodide	2.440	142	99121	45.030	ug/l	92
11) Tert butyl alcohol	3.001	59	98257	234.291	ug/l	# 91
12) 1,1-Dichloroethene	2.306	96	81052	47.040	ug/l	91
13) Acrolein	2.239	56	73892	189.233	ug/l	100
14) Allyl chloride	2.654	41	141875	50.050	ug/l	98
15) Acrylonitrile	3.068	53	247602	240.741	ug/l	98
16) Acetone	2.392	43	303417	298.678	ug/l	95
17) Carbon Disulfide	2.501	76	192477	50.496	ug/l	99
18) Methyl Acetate	2.709	43	110470	48.801	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	271163	47.037	ug/l	100
20) Methylene Chloride	2.782	84	91786	43.263	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	83796	46.873	ug/l	90
22) Diisopropyl ether	3.763	45	276381	47.709	ug/l	87
23) Vinyl Acetate	3.721	43	1290142	247.893	ug/l	96
24) 1,1-Dichloroethane	3.605	63	154734	47.236	ug/l	97
25) 2-Butanone	4.562	43	381125	258.666	ug/l	99
26) 2,2-Dichloropropane	4.464	77	130967	48.730	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	101818	47.645	ug/l	92
28) Bromochloromethane	4.897	49	66507	47.139	ug/l	# 83
29) Tetrahydrofuran	5.007	42	226933	244.218	ug/l	97
30) Chloroform	5.086	83	162658	47.294	ug/l	96
31) Cyclohexane	5.458	56	132554	47.359	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	145841	48.389	ug/l	98
36) 1,1-Dichloropropene	5.684	75	110409	47.647	ug/l	96
37) Ethyl Acetate	4.721	43	139516	47.707	ug/l	99
38) Carbon Tetrachloride	5.665	117	128407	48.774	ug/l	97
39) Methylcyclohexane	7.372	83	141448	49.685	ug/l	95
40) Benzene	6.031	78	345056	47.640	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	75755	52.968	ug/l	97
42) 1,2-Dichloroethane	6.080	62	128302	47.451	ug/l	97
43) Isopropyl Acetate	6.342	43	210955	47.779	ug/l	98
44) Trichloroethene	7.123	130	94160	47.800	ug/l	87
45) 1,2-Dichloropropane	7.427	63	83928	48.735	ug/l	97
46) Dibromomethane	7.580	93	63632	48.175	ug/l #	81
47) Bromodichloromethane	7.818	83	124540	50.921	ug/l	95
48) Methyl methacrylate	7.690	41	107282	50.597	ug/l	97
49) 1,4-Dioxane	7.665	88	45966	992.182	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	723767	252.792	ug/l	99
52) Toluene	8.714	92	220775	48.030	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	126347	52.483	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	135715	50.959	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	89481	48.292	ug/l	98
56) Ethyl methacrylate	9.116	69	144682	51.157	ug/l	99
57) 1,3-Dichloropropane	9.305	76	146293	47.555	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	331742	249.148	ug/l	95
59) 2-Hexanone	9.433	43	573924	262.926	ug/l	98
60) Dibromochloromethane	9.518	129	106673	51.896	ug/l	100
61) 1,2-Dibromoethane	9.610	107	95591	48.879	ug/l	100
64) Tetrachloroethene	9.268	164	90643	48.011	ug/l	91
65) Chlorobenzene	10.079	112	259229	47.952	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	92768	49.453	ug/l	98
67) Ethyl Benzene	10.189	91	429601	49.864	ug/l	100
68) m/p-Xylenes	10.299	106	343553	100.237	ug/l	94
69) o-Xylene	10.640	106	167202	49.039	ug/l	96
70) Styrene	10.652	104	287872	51.117	ug/l	96
71) Bromoform	10.799	173	87843	53.770	ug/l #	99
73) Isopropylbenzene	10.963	105	437348	49.378	ug/l	97
74) N-amyl acetate	10.841	43	198448	50.579	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	147980	47.078	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	122911m	49.335	ug/l	
77) Bromobenzene	11.195	156	123770	47.342	ug/l	80
78) n-propylbenzene	11.305	91	494840	50.879	ug/l	97
79) 2-Chlorotoluene	11.360	91	300598	48.087	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	369988	50.032	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	47423	51.880	ug/l	94
82) 4-Chlorotoluene	11.451	91	349526	49.148	ug/l	94
83) tert-Butylbenzene	11.713	119	397523	49.903	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	379388	50.635	ug/l	93
85) sec-Butylbenzene	11.890	105	469026	51.358	ug/l	96
86) p-Isopropyltoluene	12.006	119	414992	51.812	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	225042	48.198	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	229186	47.618	ug/l	95
89) n-Butylbenzene	12.329	91	343723	54.209	ug/l	97
90) Hexachloroethane	12.536	117	71385	52.401	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	228589	48.064	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33306	52.450	ug/l	63
93) 1,2,4-Trichlorobenzene	13.585	180	156729	50.002	ug/l	96
94) Hexachlorobutadiene	13.725	225	77675	50.019	ug/l	99
95) Naphthalene	13.774	128	469878	50.800	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	161670	50.117	ug/l	96

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

