

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040924\
 Data File : VX040941.D
 Acq On : 09 Apr 2024 09:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2024
 Supervised By : Mahesh Dadoda 04/10/2024

Quant Time: Apr 10 00:32:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	49717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	81353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	76533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	41070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	43192	48.418	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.840%		
35) Dibromofluoromethane	5.385	113	29467	51.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.280%		
50) Toluene-d8	8.647	98	104924	50.392	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.780%		
62) 4-Bromofluorobenzene	11.079	95	42146	50.686	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29630	43.969	ug/l	96
3) Chloromethane	1.301	50	29024	49.856	ug/l	95
4) Vinyl Chloride	1.374	62	31662	52.687	ug/l	99
5) Bromomethane	1.599	94	21778	58.907	ug/l	99
6) Chloroethane	1.685	64	19811	51.142	ug/l	98
7) Trichlorofluoromethane	1.886	101	57346	49.851	ug/l	98
8) Diethyl Ether	2.136	74	18129	48.768	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	28295	47.712	ug/l	98
10) Methyl Iodide	2.453	142	31718	44.090	ug/l	98
11) Tert butyl alcohol	2.953	59	38203	234.570	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	25794	46.375	ug/l	96
13) Acrolein	2.233	56	22343	251.321	ug/l	99
14) Allyl chloride	2.666	41	47743	47.916	ug/l	88
15) Acrylonitrile	3.062	53	79433	231.203	ug/l	97
16) Acetone	2.380	43	86037	248.390	ug/l	100
17) Carbon Disulfide	2.514	76	67586	42.004	ug/l	99
18) Methyl Acetate	2.703	43	36639	44.586	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	92209	47.098	ug/l	96
20) Methylene Chloride	2.788	84	28210	43.947	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	26231	44.650	ug/l	97
22) Diisopropyl ether	3.757	45	95486	49.244	ug/l	98
23) Vinyl Acetate	3.715	43	459769	247.389	ug/l	99
24) 1,1-Dichloroethane	3.605	63	52167	47.090	ug/l	99
25) 2-Butanone	4.550	43	119167	231.598	ug/l	100
26) 2,2-Dichloropropane	4.471	77	46289	48.668	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	31975	47.133	ug/l	97
28) Bromochloromethane	4.897	49	24357	48.898	ug/l	100
29) Tetrahydrofuran	4.995	42	78381	234.366	ug/l	97
30) Chloroform	5.093	83	59225	49.117	ug/l	99
31) Cyclohexane	5.464	56	44293	46.791	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	52841	49.315	ug/l	98
36) 1,1-Dichloropropene	5.690	75	39134	47.797	ug/l	99
37) Ethyl Acetate	4.708	43	46878	46.627	ug/l	98
38) Carbon Tetrachloride	5.672	117	45802	50.532	ug/l	95
39) Methylcyclohexane	7.379	83	46240	47.267	ug/l	97
40) Benzene	6.031	78	110765	48.743	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	26250	50.840	ug/l	96
42) 1,2-Dichloroethane	6.080	62	48879	49.524	ug/l	96
43) Isopropyl Acetate	6.336	43	77120	49.670	ug/l	97
44) Trichloroethene	7.123	130	27554	48.549	ug/l	97
45) 1,2-Dichloropropane	7.427	63	27746	51.147	ug/l	99
46) Dibromomethane	7.580	93	22621	50.876	ug/l	98
47) Bromodichloromethane	7.818	83	46942	50.742	ug/l	97
48) Methyl methacrylate	7.690	41	38674	50.866	ug/l	95
49) 1,4-Dioxane	7.653	88	13233	912.061	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	258392	250.894	ug/l	96
52) Toluene	8.714	92	70272	49.009	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	46288	48.581	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	47628	51.922	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	27990	50.021	ug/l	95
56) Ethyl methacrylate	9.116	69	48615	50.595	ug/l #	91
57) 1,3-Dichloropropane	9.305	76	48710	49.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	119947	257.500	ug/l	97
59) 2-Hexanone	9.427	43	204627	247.741	ug/l	94
60) Dibromochloromethane	9.519	129	35401	52.995	ug/l	98
61) 1,2-Dibromoethane	9.604	107	29946	49.603	ug/l	99
64) Tetrachloroethene	9.269	164	24309	47.998	ug/l	98
65) Chlorobenzene	10.079	112	80747	48.242	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	28421	51.156	ug/l	100
67) Ethyl Benzene	10.189	91	145955	48.897	ug/l	98
68) m/p-Xylenes	10.299	106	106371	97.942	ug/l	91
69) o-Xylene	10.640	106	51585	50.417	ug/l	90
70) Styrene	10.652	104	90082	50.807	ug/l	96
71) Bromoform	10.799	173	24439	49.687	ug/l #	99
73) Isopropylbenzene	10.963	105	139835	48.750	ug/l	99
74) N-amyl acetate	10.841	43	72275	49.746	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	47382	48.309	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	41349m	47.214	ug/l	
77) Bromobenzene	11.195	156	33556	49.869	ug/l	99
78) n-propylbenzene	11.305	91	174666	48.723	ug/l	97
79) 2-Chlorotoluene	11.360	91	102379	47.854	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	122989	50.202	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	15429	47.532	ug/l	94
82) 4-Chlorotoluene	11.451	91	125104	48.979	ug/l	98
83) tert-Butylbenzene	11.713	119	119615	49.216	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	124062	50.269	ug/l	100
85) sec-Butylbenzene	11.890	105	153635	49.773	ug/l	99
86) p-Isopropyltoluene	12.006	119	130295	50.327	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	65465	48.132	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	66946	46.388	ug/l	99
89) n-Butylbenzene	12.329	91	128589	50.275	ug/l	96
90) Hexachloroethane	12.536	117	22852	50.670	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	64183	48.152	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12116	48.074	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	43283	46.840	ug/l	96
94) Hexachlorobutadiene	13.725	225	16407	46.349	ug/l	98
95) Naphthalene	13.774	128	144402	48.532	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	43077	48.864	ug/l	99

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

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