

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040324\
 Data File : VX040872.D
 Acq On : 03 Apr 2024 15:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2024
 Supervised By : Semsettin Yesilyurt 04/03/2024

Quant Time: Apr 03 16:39:40 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	47696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	79049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	74983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	40568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	43402	50.715	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.440%			
35) Dibromofluoromethane	5.379	113	30208	53.952	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.900%			
50) Toluene-d8	8.647	98	107217	52.994	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.980%			
62) 4-Bromofluorobenzene	11.079	95	43450	53.778	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	31892	49.331	ug/l	97
3) Chloromethane	1.301	50	30651	54.881	ug/l	98
4) Vinyl Chloride	1.374	62	32921	57.104	ug/l	95
5) Bromomethane	1.599	94	22397	63.149	ug/l	94
6) Chloroethane	1.685	64	20644	55.550	ug/l	98
7) Trichlorofluoromethane	1.886	101	57867	52.436	ug/l	99
8) Diethyl Ether	2.130	74	18287	51.278	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	28746	50.527	ug/l	98
10) Methyl Iodide	2.453	142	34420	49.874	ug/l	99
11) Tert butyl alcohol	2.953	59	35875	229.609	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	26082	48.879	ug/l	96
13) Acrolein	2.233	56	21466	251.687	ug/l	100
14) Allyl chloride	2.660	41	49413	51.694	ug/l	90
15) Acrylonitrile	3.056	53	81547	247.414	ug/l	98
16) Acetone	2.374	43	84765	255.087	ug/l	96
17) Carbon Disulfide	2.514	76	73770	47.790	ug/l	98
18) Methyl Acetate	2.697	43	36815	46.698	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	94999	50.579	ug/l	99
20) Methylene Chloride	2.788	84	29057	47.185	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	27710	49.166	ug/l	97
22) Diisopropyl ether	3.757	45	95793	51.495	ug/l	92
23) Vinyl Acetate	3.715	43	473707	265.689	ug/l	98
24) 1,1-Dichloroethane	3.605	63	53290	50.142	ug/l	99
25) 2-Butanone	4.544	43	122938	249.050	ug/l	95
26) 2,2-Dichloropropane	4.471	77	47658	52.231	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	32674	50.205	ug/l	97
28) Bromochloromethane	4.885	49	23692	49.579	ug/l	99
29) Tetrahydrofuran	4.995	42	78082	243.365	ug/l	99
30) Chloroform	5.087	83	60251	52.085	ug/l	99
31) Cyclohexane	5.465	56	44848	49.385	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	52943	51.503	ug/l	97
36) 1,1-Dichloropropene	5.690	75	39863	50.107	ug/l	99
37) Ethyl Acetate	4.702	43	48124	49.262	ug/l	99
38) Carbon Tetrachloride	5.672	117	46770	53.104	ug/l	97
39) Methylcyclohexane	7.373	83	47041	49.487	ug/l	97
40) Benzene	6.031	78	113564	51.431	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	27428	54.670	ug/l	98
42) 1,2-Dichloroethane	6.080	62	50416	52.570	ug/l	97
43) Isopropyl Acetate	6.330	43	78475	52.016	ug/l	97
44) Trichloroethene	7.117	130	28382	51.465	ug/l	98
45) 1,2-Dichloropropane	7.428	63	28310	53.707	ug/l	100
46) Dibromomethane	7.574	93	23137	53.553	ug/l	99
47) Bromodichloromethane	7.818	83	47404	52.735	ug/l	95
48) Methyl methacrylate	7.684	41	40021	54.172	ug/l	96
49) 1,4-Dioxane	7.653	88	14569	1033.409	ug/l #	100
51) 4-Methyl-2-Pentanone	8.568	43	260133	259.946	ug/l	96
52) Toluene	8.714	92	73520	52.768	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	47290	50.990	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	49027	55.005	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	28514	52.442	ug/l #	90
56) Ethyl methacrylate	9.110	69	49638	53.165	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	49909	52.484	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	120418	266.046	ug/l	97
59) 2-Hexanone	9.427	43	208533	259.829	ug/l	95
60) Dibromochloromethane	9.519	129	34830	53.660	ug/l	98
61) 1,2-Dibromoethane	9.604	107	30591	52.148	ug/l	99
64) Tetrachloroethene	9.269	164	25352	51.092	ug/l	99
65) Chlorobenzene	10.073	112	82192	50.120	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	28312	52.013	ug/l	98
67) Ethyl Benzene	10.189	91	150857	51.584	ug/l	97
68) m/p-Xylenes	10.299	106	109252	102.674	ug/l	90
69) o-Xylene	10.640	106	52190	52.063	ug/l	89
70) Styrene	10.653	104	93096	53.593	ug/l	97
71) Bromoform	10.799	173	24260	50.307	ug/l #	100
73) Isopropylbenzene	10.957	105	143639	50.696	ug/l	100
74) N-amyl acetate	10.842	43	74564	51.957	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.207	83	48195	49.746	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43143m	49.872	ug/l	
77) Bromobenzene	11.195	156	33787	50.834	ug/l	99
78) n-propylbenzene	11.299	91	179866	50.795	ug/l	97
79) 2-Chlorotoluene	11.360	91	105947	50.135	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	124879	51.604	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	15787	49.237	ug/l	92
82) 4-Chlorotoluene	11.451	91	128741	51.027	ug/l	98
83) tert-Butylbenzene	11.713	119	120938	50.376	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	125078	51.307	ug/l	100
85) sec-Butylbenzene	11.890	105	156655	51.379	ug/l	99
86) p-Isopropyltoluene	12.006	119	132345	51.752	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	66483	49.485	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	68892	48.327	ug/l	100
89) n-Butylbenzene	12.329	91	132067	52.274	ug/l	96
90) Hexachloroethane	12.536	117	23631	53.045	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	63783	48.444	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12543	50.385	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	44261	48.491	ug/l	98
94) Hexachlorobutadiene	13.725	225	17071	48.821	ug/l	99
95) Naphthalene	13.774	128	149345	50.815	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	43190	49.598	ug/l	98

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

