

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040451.D
 Acq On : 26 Feb 2024 10:53
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2024
 Supervised By : Semsettin Yesilyurt 02/27/2024

Quant Time: Feb 27 04:52:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 04:43:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	91320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70696	46.286	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.580%		
35) Dibromofluoromethane	5.385	113	51325	47.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.460%		
50) Toluene-d8	8.647	98	187746	48.101	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.200%		
62) 4-Bromofluorobenzene	11.079	95	73057	49.103	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54560	48.009	ug/l	100
3) Chloromethane	1.295	50	52972	46.993	ug/l	100
4) Vinyl Chloride	1.374	62	57467	47.144	ug/l	95
5) Bromomethane	1.599	94	36234	53.489	ug/l	97
6) Chloroethane	1.685	64	35870	46.498	ug/l	97
7) Trichlorofluoromethane	1.886	101	91423	47.487	ug/l	97
8) Diethyl Ether	2.130	74	32275	47.961	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	49259	47.533	ug/l	98
10) Methyl Iodide	2.453	142	51383	47.935	ug/l	97
11) Tert butyl alcohol	2.959	59	63144	245.925	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	47923	46.061	ug/l	97
13) Acrolein	2.233	56	38659	234.845	ug/l	98
14) Allyl chloride	2.660	41	86226	47.371	ug/l	94
15) Acrylonitrile	3.062	53	154011	239.125	ug/l	98
16) Acetone	2.374	43	122098	245.125	ug/l	97
17) Carbon Disulfide	2.508	76	132590	46.019	ug/l	99
18) Methyl Acetate	2.703	43	76702	49.948	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	170956	48.172	ug/l	98
20) Methylene Chloride	2.788	84	54884	46.044	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	52742	47.533	ug/l	95
22) Diisopropyl ether	3.757	45	176207	48.173	ug/l	97
23) Vinyl Acetate	3.721	43	815898	243.501	ug/l	100
24) 1,1-Dichloroethane	3.605	63	100491	47.111	ug/l	99
25) 2-Butanone	4.550	43	212619	244.996	ug/l	98
26) 2,2-Dichloropropane	4.471	77	79648	46.898	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	59986	46.211	ug/l	100
28) Bromochloromethane	4.898	49	46461	52.071	ug/l	99
29) Tetrahydrofuran	4.995	42	144631	238.892	ug/l	98
30) Chloroform	5.093	83	108898	48.097	ug/l	99
31) Cyclohexane	5.465	56	82753	47.822	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	91860	47.536	ug/l	98
36) 1,1-Dichloropropene	5.690	75	76535	46.198	ug/l	99
37) Ethyl Acetate	4.709	43	86638	47.785	ug/l	99
38) Carbon Tetrachloride	5.678	117	78591	49.106	ug/l	93
39) Methylcyclohexane	7.379	83	87188	48.746	ug/l	99
40) Benzene	6.038	78	214533	47.830	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47664	47.064	ug/l	96
42) 1,2-Dichloroethane	6.086	62	89915	48.435	ug/l	99
43) Isopropyl Acetate	6.336	43	136894	48.119	ug/l	98
44) Trichloroethene	7.123	130	56214	46.602	ug/l	92
45) 1,2-Dichloropropane	7.428	63	57114	47.579	ug/l	97
46) Dibromomethane	7.580	93	42561	48.226	ug/l	98
47) Bromodichloromethane	7.818	83	85119	48.985	ug/l	97
48) Methyl methacrylate	7.690	41	71139	50.030	ug/l	94
49) 1,4-Dioxane	7.653	88	27243	1012.795	ug/l #	94
51) 4-Methyl-2-Pentanone	8.568	43	464375	246.883	ug/l	99
52) Toluene	8.714	92	134328	48.799	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	89277	50.626	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	92223	48.653	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	58171	50.922	ug/l	96
56) Ethyl methacrylate	9.116	69	90935	51.485	ug/l	95
57) 1,3-Dichloropropane	9.305	76	97499	49.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	238760	257.816	ug/l	96
59) 2-Hexanone	9.427	43	364932	252.346	ug/l	98
60) Dibromochloromethane	9.519	129	61113	49.253	ug/l	98
61) 1,2-Dibromoethane	9.610	107	62030	49.761	ug/l	99
64) Tetrachloroethene	9.275	164	48266	47.591	ug/l	99
65) Chlorobenzene	10.080	112	144761	47.112	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53237	49.163	ug/l	98
67) Ethyl Benzene	10.189	91	275164	48.921	ug/l	96
68) m/p-Xylenes	10.299	106	204133	97.189	ug/l	96
69) o-Xylene	10.640	106	98727	49.146	ug/l	95
70) Styrene	10.653	104	166169	49.620	ug/l	98
71) Bromoform	10.799	173	44309	49.987	ug/l #	99
73) Isopropylbenzene	10.964	105	266227	48.963	ug/l	99
74) N-amyl acetate	10.842	43	128042	50.703	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	94488	48.051	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	81288m	50.027	ug/l	
77) Bromobenzene	11.195	156	63429	49.336	ug/l	98
78) n-propylbenzene	11.305	91	330854	49.056	ug/l	98
79) 2-Chlorotoluene	11.360	91	193396	47.634	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	228821	49.483	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	25239	47.119	ug/l	94
82) 4-Chlorotoluene	11.451	91	228643	48.699	ug/l	99
83) tert-Butylbenzene	11.713	119	216376	49.632	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	229688	50.062	ug/l	99
85) sec-Butylbenzene	11.890	105	283852	49.561	ug/l	100
86) p-Isopropyltoluene	12.006	119	231032	48.938	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	122441	47.778	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	122155	46.825	ug/l	99
89) n-Butylbenzene	12.329	91	228709	49.242	ug/l	96
90) Hexachloroethane	12.536	117	39134	49.807	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	115794	47.416	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23124	50.442	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	78283	49.118	ug/l	97
94) Hexachlorobutadiene	13.725	225	30972	47.549	ug/l	98
95) Naphthalene	13.774	128	258484	50.752	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	74544	49.203	ug/l	96

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

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