

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039559.D
 Acq On : 02 Jan 2024 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 03 04:07:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/03/2024
 Supervised By : Mahesh Dadoda 01/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	127985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	230780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	208347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101502	43.292	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.580%		
35) Dibromofluoromethane	5.379	113	75786	47.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.060%		
50) Toluene-d8	8.647	98	277971	46.962	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.920%		
62) 4-Bromofluorobenzene	11.079	95	110318	45.172	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82454	45.848	ug/l	99
3) Chloromethane	1.294	50	92574	46.432	ug/l	96
4) Vinyl Chloride	1.374	62	89850	48.456	ug/l	99
5) Bromomethane	1.599	94	50782	47.602	ug/l	98
6) Chloroethane	1.685	64	51544	46.128	ug/l	100
7) Trichlorofluoromethane	1.886	101	128136	47.192	ug/l	99
8) Diethyl Ether	2.130	74	47395	50.435	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	80147	48.372	ug/l	97
10) Methyl Iodide	2.453	142	78536	45.857	ug/l	95
11) Tert butyl alcohol	2.953	59	122212	207.573	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	77243	46.932	ug/l	95
13) Acrolein	2.233	56	133292	283.783	ug/l	100
14) Allyl chloride	2.660	41	154274	46.272	ug/l	97
15) Acrylonitrile	3.056	53	278040	235.929	ug/l	99
16) Acetone	2.374	43	380140	283.016	ug/l	92
17) Carbon Disulfide	2.508	76	208205	43.229	ug/l	99
18) Methyl Acetate	2.697	43	252838	49.858	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	280972	47.204	ug/l	97
20) Methylene Chloride	2.788	84	89164	45.620	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	81309	45.401	ug/l	98
22) Diisopropyl ether	3.757	45	294516	48.527	ug/l #	86
23) Vinyl Acetate	3.715	43	1089028	241.028	ug/l	99
24) 1,1-Dichloroethane	3.605	63	160691	46.838	ug/l	99
25) 2-Butanone	4.544	43	432043	213.544	ug/l	98
26) 2,2-Dichloropropane	4.471	77	136467	45.563	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	94716	47.916	ug/l	98
28) Bromochloromethane	4.891	49	82800	49.463	ug/l	93
29) Tetrahydrofuran	4.989	42	260122	232.811	ug/l	99
30) Chloroform	5.086	83	159611	46.555	ug/l	98
31) Cyclohexane	5.464	56	141282	46.654	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	137915	46.338	ug/l	98
36) 1,1-Dichloropropene	5.690	75	117206	46.586	ug/l	99
37) Ethyl Acetate	4.702	43	148015	47.619	ug/l	100
38) Carbon Tetrachloride	5.672	117	113462	47.257	ug/l	99
39) Methylcyclohexane	7.373	83	146283	48.404	ug/l	96
40) Benzene	6.031	78	342101	48.069	ug/l	98

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41) Methacrylonitrile	4.910	41	79045	47.662	ug/l	94
42) 1,2-Dichloroethane	6.080	62	134068	46.537	ug/l	99
43) Isopropyl Acetate	6.330	43	246081	48.685	ug/l	99
44) Trichloroethene	7.123	130	83250	46.355	ug/l	92
45) 1,2-Dichloropropane	7.421	63	94815	49.640	ug/l	99
46) Dibromomethane	7.574	93	64047	47.701	ug/l	95
47) Bromodichloromethane	7.818	83	124907	48.655	ug/l	97
48) Methyl methacrylate	7.690	41	142558	48.244	ug/l	95
49) 1,4-Dioxane	7.653	88	38563	968.151	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	783260	243.212	ug/l	99
52) Toluene	8.714	92	206849	48.155	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	141095	49.921	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	148566	48.852	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	86838	48.424	ug/l	91
56) Ethyl methacrylate	9.110	69	112619	51.443	ug/l	98
57) 1,3-Dichloropropane	9.305	76	148634	47.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	327584	254.836	ug/l	94
59) 2-Hexanone	9.427	43	657364	236.513	ug/l	99
60) Dibromochloromethane	9.519	129	89770	49.498	ug/l	100
61) 1,2-Dibromoethane	9.604	107	92264	48.195	ug/l	100
64) Tetrachloroethene	9.269	164	64387	47.292	ug/l	96
65) Chlorobenzene	10.073	112	217064	47.732	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	80941	50.389	ug/l	99
67) Ethyl Benzene	10.189	91	418171	49.400	ug/l	98
68) m/p-Xylenes	10.299	106	301135	99.217	ug/l	95
69) o-Xylene	10.640	106	144294	49.171	ug/l	92
70) Styrene	10.653	104	216959	50.572	ug/l	97
71) Bromoform	10.799	173	61636	51.622	ug/l #	99
73) Isopropylbenzene	10.957	105	398803	50.945	ug/l	100
74) N-amyl acetate	10.842	43	208479	52.638	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	149750	51.424	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	130318m	49.646	ug/l	
77) Bromobenzene	11.195	156	87120	50.328	ug/l	93
78) n-propylbenzene	11.299	91	489360	50.738	ug/l	97
79) 2-Chlorotoluene	11.360	91	285981	49.020	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	337972	50.681	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	47440	50.983	ug/l	92
82) 4-Chlorotoluene	11.451	91	340040	49.625	ug/l	97
83) tert-Butylbenzene	11.713	119	326599	51.461	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	343973	50.298	ug/l	99
85) sec-Butylbenzene	11.890	105	417213	51.661	ug/l	98
86) p-Isopropyltoluene	12.006	119	349365	51.547	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	166916	49.081	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	168250	47.515	ug/l	98
89) n-Butylbenzene	12.329	91	353933	53.122	ug/l	96
90) Hexachloroethane	12.536	117	64840	52.961	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	160458	49.312	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37863	49.364	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	105706	49.611	ug/l	98
94) Hexachlorobutadiene	13.725	225	43516	54.194	ug/l	97
95) Naphthalene	13.774	128	379715	51.173	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	102659	49.909	ug/l	99

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

