

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
 Data File : VX039764.D
 Acq On : 16 Jan 2024 11:13
 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 01/17/2024
 Supervised By : Mahesh Dadoda 01/17/2024

Quant Time: Jan 17 01:43:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	104588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	179753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81615	46.584	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.160%		
35) Dibromofluoromethane	5.379	113	61938	51.158	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.320%		
50) Toluene-d8	8.647	98	222702	48.771	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.540%		
62) 4-Bromofluorobenzene	11.079	95	88180	49.383	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64493	47.660	ug/l	99
3) Chloromethane	1.294	50	72655	47.014	ug/l	100
4) Vinyl Chloride	1.374	62	74710	51.225	ug/l	97
5) Bromomethane	1.599	94	39018	46.887	ug/l	100
6) Chloroethane	1.666	64	32842	39.612	ug/l	97
7) Trichlorofluoromethane	1.874	101	114487	54.417	ug/l	98
8) Diethyl Ether	2.136	74	42246	54.336	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	71902	55.125	ug/l	99
10) Methyl Iodide	2.447	142	84496	61.406	ug/l	94
11) Tert butyl alcohol	3.014	59	113389	248.626	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	67135	53.333	ug/l	95
13) Acrolein	2.233	56	73898	264.315	ug/l	100
14) Allyl chloride	2.660	41	127804	51.585	ug/l	98
15) Acrylonitrile	3.062	53	233643	248.012	ug/l	99
16) Acetone	2.380	43	241967	245.573	ug/l	95
17) Carbon Disulfide	2.508	76	180728	49.952	ug/l	100
18) Methyl Acetate	2.703	43	110199	53.459	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	242051	54.163	ug/l	97
20) Methylene Chloride	2.788	84	77783	52.190	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	70821	53.462	ug/l	98
22) Diisopropyl ether	3.757	45	251672	53.230	ug/l	97
23) Vinyl Acetate	3.721	43	1180394	268.579	ug/l	100
24) 1,1-Dichloroethane	3.605	63	139492	53.629	ug/l	99
25) 2-Butanone	4.556	43	348711	246.271	ug/l	99
26) 2,2-Dichloropropane	4.471	77	115783	55.462	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	82994	54.625	ug/l	99
28) Bromochloromethane	4.897	49	54434	46.168	ug/l	98
29) Tetrahydrofuran	5.001	42	220230	241.645	ug/l	99
30) Chloroform	5.086	83	142476	55.487	ug/l	97
31) Cyclohexane	5.464	56	125181	54.139	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	121257	55.160	ug/l	98
36) 1,1-Dichloropropene	5.684	75	104207	55.296	ug/l	99
37) Ethyl Acetate	4.708	43	128324	51.042	ug/l	99
38) Carbon Tetrachloride	5.672	117	99391	57.584	ug/l	98
39) Methylcyclohexane	7.379	83	131455	58.089	ug/l	96
40) Benzene	6.031	78	300732	56.356	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	67740	55.099	ug/l	95
42) 1,2-Dichloroethane	6.086	62	116529	57.438	ug/l	100
43) Isopropyl Acetate	6.342	43	205222	55.645	ug/l	99
44) Trichloroethene	7.123	130	75061	57.395	ug/l	97
45) 1,2-Dichloropropane	7.427	63	79904	55.818	ug/l	95
46) Dibromomethane	7.574	93	55889	56.526	ug/l	98
47) Bromodichloromethane	7.818	83	103577	56.562	ug/l	100
48) Methyl methacrylate	7.690	41	98077	54.102	ug/l	94
49) 1,4-Dioxane	7.665	88	36002	1026.361	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	673672	265.223	ug/l	98
52) Toluene	8.714	92	184127	57.768	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	114242	58.793	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	125456	58.717	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	76146	56.112	ug/l	94
56) Ethyl methacrylate	9.116	69	126712	57.693	ug/l	97
57) 1,3-Dichloropropane	9.305	76	129796	56.441	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	294083	283.278	ug/l	96
59) 2-Hexanone	9.433	43	551766	274.472	ug/l	99
60) Dibromochloromethane	9.518	129	75730	59.176	ug/l	99
61) 1,2-Dibromoethane	9.610	107	81575	58.049	ug/l	100
64) Tetrachloroethene	9.269	164	59845	57.472	ug/l	97
65) Chlorobenzene	10.079	112	191866	57.531	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	69554	61.249	ug/l	98
67) Ethyl Benzene	10.189	91	362142	58.489	ug/l	97
68) m/p-Xylenes	10.299	106	267885	117.643	ug/l	95
69) o-Xylene	10.640	106	132192	58.620	ug/l	96
70) Styrene	10.652	104	219398	59.559	ug/l	99
71) Bromoform	10.799	173	52441	61.500	ug/l #	99
73) Isopropylbenzene	10.963	105	353918	58.421	ug/l	100
74) N-amyl acetate	10.841	43	186965	59.208	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	130273	56.315	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	108494m	54.998	ug/l	
77) Bromobenzene	11.195	156	77917	57.766	ug/l	95
78) n-propylbenzene	11.305	91	426012	58.101	ug/l	97
79) 2-Chlorotoluene	11.366	91	256582	56.619	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	303746	59.035	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	38100	56.839	ug/l	98
82) 4-Chlorotoluene	11.451	91	296370	57.657	ug/l	99
83) tert-Butylbenzene	11.713	119	292345	59.515	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	305504	59.516	ug/l	99
85) sec-Butylbenzene	11.890	105	380524	59.676	ug/l	99
86) p-Isopropyltoluene	12.006	119	306371	60.117	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	148941	57.604	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	149611	56.025	ug/l	99
89) n-Butylbenzene	12.329	91	288288	58.569	ug/l	97
90) Hexachloroethane	12.536	117	53100	61.762	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	145712	57.004	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	31143	54.940	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	88707	56.787	ug/l	98
94) Hexachlorobutadiene	13.725	225	39401	60.677	ug/l	97
95) Naphthalene	13.774	128	326631	56.799	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	88058	55.855	ug/l	98

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

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