

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
 Data File : VX039762.D
 Acq On : 15 Jan 2024 17:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2024
 Supervised By : Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 01:44:17 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	5.550	168	102856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184061	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77274	44.849	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.700%		
35) Dibromofluoromethane	5.385	113	58920	47.526	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.060%		
50) Toluene-d8	8.647	98	214709	45.920	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.840%#		
62) 4-Bromofluorobenzene	11.079	95	81664	44.663	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56821	42.697	ug/l	97
3) Chloromethane	1.294	50	62667	41.234	ug/l	96
4) Vinyl Chloride	1.374	62	63190	44.056	ug/l	99
5) Bromomethane	1.599	94	31571	38.577	ug/l	96
6) Chloroethane	1.666	64	29949	36.731	ug/l	94
7) Trichlorofluoromethane	1.874	101	93734	45.303	ug/l	99
8) Diethyl Ether	2.136	74	34800	45.513	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	57849	45.098	ug/l	99
10) Methyl Iodide	2.447	142	66909	49.444	ug/l	94
11) Tert butyl alcohol	3.007	59	101863	227.114	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	55528	44.855	ug/l	93
13) Acrolein	2.233	56	59309	212.715	ug/l	99
14) Allyl chloride	2.660	41	104803	43.013	ug/l	98
15) Acrylonitrile	3.062	53	204270	220.484	ug/l	99
16) Acetone	2.380	43	199651	206.039	ug/l	91
17) Carbon Disulfide	2.508	76	138047	38.798	ug/l	99
18) Methyl Acetate	2.703	43	93163	45.955	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	204099	46.439	ug/l	99
20) Methylene Chloride	2.788	84	66331	45.255	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	58230	44.697	ug/l	98
22) Diisopropyl ether	3.757	45	213881	45.999	ug/l	99
23) Vinyl Acetate	3.721	43	997304	230.741	ug/l	100
24) 1,1-Dichloroethane	3.605	63	117333	45.869	ug/l	99
25) 2-Butanone	4.556	43	303105	217.668	ug/l	97
26) 2,2-Dichloropropane	4.471	77	92621	45.115	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	68606	45.915	ug/l	99
28) Bromochloromethane	4.891	49	52742	45.486	ug/l	97
29) Tetrahydrofuran	5.001	42	192902	215.224	ug/l	99
30) Chloroform	5.086	83	117903	46.690	ug/l	99
31) Cyclohexane	5.464	56	99846	43.909	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	99269	45.918	ug/l	99
36) 1,1-Dichloropropene	5.690	75	84056	43.559	ug/l	99
37) Ethyl Acetate	4.708	43	111339	43.249	ug/l	99
38) Carbon Tetrachloride	5.672	117	80388	45.484	ug/l	94
39) Methylcyclohexane	7.379	83	101483	43.795	ug/l	99
40) Benzene	6.031	78	252894	46.282	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58274	46.290	ug/l	94
42) 1,2-Dichloroethane	6.086	62	97815	47.085	ug/l	100
43) Isopropyl Acetate	6.336	43	174093	46.100	ug/l	99
44) Trichloroethene	7.123	130	62451	46.635	ug/l	99
45) 1,2-Dichloropropane	7.427	63	67782	46.242	ug/l	100
46) Dibromomethane	7.580	93	46297	45.728	ug/l	98
47) Bromodichloromethane	7.818	83	87984	46.923	ug/l	96
48) Methyl methacrylate	7.690	41	84398	45.467	ug/l	95
49) 1,4-Dioxane	7.665	88	33253	925.803	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	591756	227.520	ug/l	99
52) Toluene	8.714	92	153376	46.994	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	92324	46.401	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	102177	46.703	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	64369	46.324	ug/l	93
56) Ethyl methacrylate	9.116	69	107617	47.852	ug/l	98
57) 1,3-Dichloropropane	9.305	76	110442	46.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	258567	243.237	ug/l	95
59) 2-Hexanone	9.433	43	473441	229.997	ug/l	100
60) Dibromochloromethane	9.518	129	62219	47.480	ug/l	100
61) 1,2-Dibromoethane	9.610	107	69187	48.081	ug/l	99
64) Tetrachloroethene	9.269	164	49350	47.145	ug/l	95
65) Chlorobenzene	10.079	112	161616	48.206	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	58176	50.961	ug/l	99
67) Ethyl Benzene	10.195	91	300279	48.243	ug/l	98
68) m/p-Xylenes	10.299	106	222514	97.205	ug/l	97
69) o-Xylene	10.640	106	111403	49.142	ug/l	97
70) Styrene	10.652	104	181680	49.061	ug/l	98
71) Bromoform	10.799	173	43472	50.714	ug/l #	100
73) Isopropylbenzene	10.963	105	294064	49.889	ug/l	100
74) N-amyl acetate	10.841	43	159025	51.758	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	113604	50.473	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	92688m	48.290	ug/l	
77) Bromobenzene	11.195	156	65041	49.559	ug/l	95
78) n-propylbenzene	11.305	91	350309	49.103	ug/l	98
79) 2-Chlorotoluene	11.360	91	212683	48.235	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	250928	50.124	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	31327	48.856	ug/l	97
82) 4-Chlorotoluene	11.451	91	244017	48.790	ug/l	99
83) tert-Butylbenzene	11.713	119	241284	50.484	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	251526	50.361	ug/l	99
85) sec-Butylbenzene	11.890	105	313911	50.597	ug/l	98
86) p-Isopropyltoluene	12.006	119	250709	50.561	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	125422	49.855	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	124955	48.091	ug/l	98
89) n-Butylbenzene	12.329	91	230321	48.092	ug/l	96
90) Hexachloroethane	12.536	117	42765	51.122	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	123309	49.579	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26105	47.331	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	71199	46.845	ug/l	97
94) Hexachlorobutadiene	13.725	225	31007	49.076	ug/l	98
95) Naphthalene	13.774	128	269409	48.149	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	71695	46.739	ug/l	99

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

