

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037121.D
 Acq On : 19 Aug 2023 09:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/21/2023
 Supervised By : Mahesh Dadoda 08/21/2023

Quant Time: Aug 21 01:46:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	151016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	267707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115010	52.826	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.660%			
35) Dibromofluoromethane	5.385	113	92027	51.906	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.820%			
50) Toluene-d8	8.647	98	339028	52.716	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.440%			
62) 4-Bromofluorobenzene	11.079	95	134637	53.272	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	94625	53.941	ug/l	99
3) Chloromethane	1.294	50	80525	52.470	ug/l	96
4) Vinyl Chloride	1.374	62	88144	52.765	ug/l	99
5) Bromomethane	1.599	94	38947	46.805	ug/l	98
6) Chloroethane	1.678	64	47717	48.541	ug/l	99
7) Trichlorofluoromethane	1.886	101	148669	54.330	ug/l	99
8) Diethyl Ether	2.136	74	54736	51.702	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	78588	49.229	ug/l	97
10) Methyl Iodide	2.453	142	107946	55.636	ug/l	96
11) Tert butyl alcohol	2.959	59	116076	227.282	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	79009	50.824	ug/l	86
13) Acrolein	2.233	56	70716	182.013	ug/l	98
14) Allyl chloride	2.666	41	113374	47.118	ug/l #	94
15) Acrylonitrile	3.062	53	225935	247.856	ug/l	99
16) Acetone	2.379	43	203084	238.438	ug/l	91
17) Carbon Disulfide	2.514	76	193939	49.046	ug/l	99
18) Methyl Acetate	2.703	43	155615	48.525	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	299616	50.818	ug/l	97
20) Methylene Chloride	2.788	84	92798	48.720	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	89034	50.382	ug/l	86
22) Diisopropyl ether	3.757	45	253169	51.274	ug/l #	90
23) Vinyl Acetate	3.721	43	962003	254.248	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	156523	50.551	ug/l	96
25) 2-Butanone	4.550	43	307843	240.043	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	76327	27.603	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	105144	50.469	ug/l	86
28) Bromochloromethane	4.897	49	74000	53.500	ug/l #	77
29) Tetrahydrofuran	5.001	42	196300	240.018	ug/l #	84
30) Chloroform	5.092	83	177219	50.987	ug/l	99
31) Cyclohexane	5.470	56	123693	50.527	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	160334	51.476	ug/l	97
36) 1,1-Dichloropropene	5.690	75	123021	48.839	ug/l	97
37) Ethyl Acetate	4.708	43	119625	46.491	ug/l #	94
38) Carbon Tetrachloride	5.678	117	137769	50.350	ug/l	99
39) Methylcyclohexane	7.379	83	127707	48.256	ug/l	90
40) Benzene	6.037	78	361256	50.006	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	65191	48.737	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	143778	50.751	ug/l	96
43) Isopropyl Acetate	6.336	43	201073	49.222	ug/l #	92
44) Trichloroethene	7.122	130	101430	49.515	ug/l	99
45) 1,2-Dichloropropane	7.427	63	90403	50.752	ug/l	99
46) Dibromomethane	7.580	93	71980	51.295	ug/l	95
47) Bromodichloromethane	7.817	83	139254	51.810	ug/l	98
48) Methyl methacrylate	7.689	41	99696	50.043	ug/l #	87
49) 1,4-Dioxane	7.659	88	50607	943.222	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	611096	246.354	ug/l	92
52) Toluene	8.720	92	242723	50.852	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	139025	48.579	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	145942	47.191	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	101443	52.193	ug/l	98
56) Ethyl methacrylate	9.116	69	157115	51.608	ug/l	88
57) 1,3-Dichloropropane	9.305	76	168106	51.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	374265	256.173	ug/l	92
59) 2-Hexanone	9.427	43	460929	243.702	ug/l	89
60) Dibromochloromethane	9.518	129	112198	54.219	ug/l	100
61) 1,2-Dibromoethane	9.610	107	109915	51.652	ug/l	100
64) Tetrachloroethene	9.275	164	91682	49.535	ug/l	98
65) Chlorobenzene	10.079	112	265810	49.570	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	102775	51.930	ug/l	99
67) Ethyl Benzene	10.195	91	470166	49.829	ug/l	99
68) m/p-Xylenes	10.299	106	364222	99.956	ug/l	99
69) o-Xylene	10.640	106	183521	51.048	ug/l	98
70) Styrene	10.652	104	303061	51.176	ug/l	98
71) Bromoform	10.799	173	79870	53.952	ug/l #	100
73) Isopropylbenzene	10.963	105	463826	51.968	ug/l	99
74) N-amyl acetate	10.841	43	172995	49.884	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	147139	48.952	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	125555m	48.012	ug/l	
77) Bromobenzene	11.195	156	112869	51.781	ug/l	93
78) n-propylbenzene	11.305	91	511766	51.494	ug/l	99
79) 2-Chlorotoluene	11.366	91	329290	51.849	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	395223	53.085	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	37367	39.910	ug/l	90
82) 4-Chlorotoluene	11.451	91	375840	51.266	ug/l	98
83) tert-Butylbenzene	11.713	119	370776	52.219	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	394858	52.477	ug/l	97
85) sec-Butylbenzene	11.890	105	437977	52.809	ug/l	99
86) p-Isopropyltoluene	12.006	119	376968	52.800	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	205191	50.280	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	207779	49.280	ug/l	99
89) n-Butylbenzene	12.329	91	301947	51.011	ug/l	99
90) Hexachloroethane	12.536	117	65165	54.685	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	202639	50.708	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34325	49.147	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	112951	48.306	ug/l	97
94) Hexachlorobutadiene	13.725	225	42480	47.027	ug/l	99
95) Naphthalene	13.774	128	429000	41.885	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	114969	49.490	ug/l	99

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

