

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
 Data File : VX027135.D
 Acq On : 23 Feb 2022 10:38
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Feb 23 12:35:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 12:34:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	90978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	145347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	914	0.937	ug/l	97
3) Chloromethane	1.294	50	835	0.912	ug/l	95
4) Vinyl Chloride	1.373	62	804	0.847	ug/l	94
6) Chloroethane	1.690	64	539	1.067	ug/l	95
7) Trichlorofluoromethane	1.892	101	1258	0.896	ug/l	100
8) Diethyl Ether	2.135	74	394	0.758	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.337	101	893	0.958	ug/l	95
12) 1,1-Dichloroethene	2.324	96	799	0.860	ug/l	92
14) Allyl chloride	2.666	41	1470	0.893	ug/l	94
15) Acrylonitrile	3.068	53	2440	4.298	ug/l	96
16) Acetone	2.379	43	2640	5.463	ug/l	94
17) Carbon Disulfide	2.513	76	2180	0.838	ug/l	100
18) Methyl Acetate	2.708	43	1135	0.824	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	2712	0.824	ug/l #	90
20) Methylene Chloride	2.788	84	1022	0.980	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	853	0.871	ug/l #	82
22) Diisopropyl ether	3.769	45	2826	0.855	ug/l #	92
23) Vinyl Acetate	3.727	43	10948	3.937	ug/l	98
24) 1,1-Dichloroethane	3.617	63	1644	0.915	ug/l #	81
25) 2-Butanone	4.568	43	3557	4.574	ug/l #	87
26) 2,2-Dichloropropane	4.476	77	1110	0.905	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	976	0.865	ug/l	97
28) Bromochloromethane	4.903	49	632	0.848	ug/l #	85
29) Tetrahydrofuran	5.025	42	2505	4.750	ug/l	96
30) Chloroform	5.104	83	1801	0.962	ug/l	90
32) 1,1,1-Trichloroethane	5.391	97	1416	0.861	ug/l #	47
36) 1,1-Dichloropropene	5.702	75	1195	0.870	ug/l	88
37) Ethyl Acetate	4.726	43	1401	0.905	ug/l #	76
38) Carbon Tetrachloride	5.690	117	1222	0.848	ug/l	92
39) Methylcyclohexane	7.384	83	1494	0.888	ug/l #	91
40) Benzene	6.049	78	3584	0.896	ug/l	95
41) Methacrylonitrile	4.934	41	747	0.889	ug/l #	48
42) 1,2-Dichloroethane	6.098	62	1250	0.888	ug/l #	75
43) Isopropyl Acetate	6.354	43	1876	0.788	ug/l #	93
44) Trichloroethene	7.128	130	1039	0.867	ug/l	96
45) 1,2-Dichloropropane	7.433	63	795	0.787	ug/l #	86

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46) Dibromomethane	7.586	93	559	0.796	ug/l #	84
47) Bromodichloromethane	7.829	83	1208	0.902	ug/l #	88
48) Methyl methacrylate	7.701	41	839	0.710	ug/l	88
49) 1,4-Dioxane	7.671	88	413	19.388	ug/l #	64
51) 4-Methyl-2-Pentanone	8.579	43	6257	4.265	ug/l	99
52) Toluene	8.720	92	2296	0.902	ug/l	95
53) t-1,3-Dichloropropene	8.988	75	924	0.705	ug/l	93
54) cis-1,3-Dichloropropene	8.372	75	1144	0.770	ug/l	93
55) 1,1,2-Trichloroethane	9.152	97	881	0.910	ug/l	98
56) Ethyl methacrylate	9.122	69	1286	0.838	ug/l	87
57) 1,3-Dichloropropane	9.311	76	1385	0.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	3220	4.182	ug/l	98
59) 2-Hexanone	9.433	43	4768	4.408	ug/l	99
60) Dibromochloromethane	9.524	129	796	0.799	ug/l	97
61) 1,2-Dibromoethane	9.610	107	925	0.901	ug/l	91
64) Tetrachloroethene	9.280	164	1084	0.863	ug/l #	88
65) Chlorobenzene	10.079	112	2438	0.923	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.164	131	821	0.847	ug/l #	63
67) Ethyl Benzene	10.195	91	4054	0.869	ug/l	96
68) m/p-Xylenes	10.305	106	2885	1.600	ug/l	91
69) o-Xylene	10.646	106	1618	0.915	ug/l	88
70) Styrene	10.658	104	2354	0.817	ug/l	98
71) Bromoform	10.805	173	531	0.778	ug/l #	99
73) Isopropylbenzene	10.963	105	4004	0.859	ug/l	99
74) N-amyl acetate	10.847	43	1235	0.664	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	1212	0.940	ug/l	98
76) 1,2,3-Trichloropropane	11.243	75	1071m	0.822	ug/l	
77) Bromobenzene	11.201	156	963	0.860	ug/l	97
78) n-propylbenzene	11.304	91	4416	0.851	ug/l	99
79) 2-Chlorotoluene	11.365	91	2748	0.854	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	3119	0.807	ug/l	99
82) 4-Chlorotoluene	11.457	91	3124	0.866	ug/l	98
83) tert-Butylbenzene	11.719	119	3238	0.876	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	3089	0.792	ug/l	93
85) sec-Butylbenzene	11.890	105	3810	0.815	ug/l	98
86) p-Isopropyltoluene	12.012	119	3129	0.789	ug/l	94
87) 1,3-Dichlorobenzene	11.975	146	1824	0.884	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	2040m	0.980	ug/l	
89) n-Butylbenzene	12.335	91	2544	0.781	ug/l	97
90) Hexachloroethane	12.542	117	470	0.811	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	1806	0.908	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	248	0.795	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	1016	0.809	ug/l	92
94) Hexachlorobutadiene	13.731	225	486	0.917	ug/l	90
95) Naphthalene	13.780	128	3249	0.742	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1055	0.830	ug/l	94

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

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