

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033273.D
 Acq On : 07 Dec 2022 09:46
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Dec 07 10:41:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 09:47:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	142504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225802	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90814	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	1.166	85	1038	0.953	ug/l	92
3) Chloromethane	1.294	50	1198	1.019	ug/l	96
4) Vinyl Chloride	1.374	62	1445	1.104	ug/l	92
6) Chloroethane	1.697	64	1105	1.037	ug/l #	87
7) Trichlorofluoromethane	1.892	101	2793	1.100	ug/l #	80
8) Diethyl Ether	2.136	74	889	1.112	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	1257	0.942	ug/l	92
12) 1,1-Dichloroethene	2.318	96	1259	1.012	ug/l	92
14) Allyl chloride	2.666	41	1931	0.962	ug/l	94
15) Acrylonitrile	3.074	53	3013	4.842	ug/l	96
16) Acetone	2.392	43	3731	5.757	ug/l	97
17) Carbon Disulfide	2.514	76	3391	0.987	ug/l #	93
18) Methyl Acetate	2.709	43	1734	0.967	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	3742	0.868	ug/l	93
20) Methylene Chloride	2.794	84	1618	1.036	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	1257	0.884	ug/l	85
22) Diisopropyl ether	3.763	45	3754	0.859	ug/l #	77
23) Vinyl Acetate	3.733	43	14131	4.129	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	2507	1.002	ug/l #	93
25) 2-Butanone	4.574	43	4232	4.735	ug/l	97
26) 2,2-Dichloropropane	4.464	77	1715	0.853	ug/l #	65
27) cis-1,2-Dichloroethene	4.489	96	1551	0.960	ug/l	97
28) Bromochloromethane	4.903	49	1078	0.981	ug/l #	98
29) Tetrahydrofuran	5.031	42	2697	4.756	ug/l	94
30) Chloroform	5.098	83	2666	0.952	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	2190	0.873	ug/l #	48
36) 1,1-Dichloropropene	5.696	75	1983	0.974	ug/l	97
37) Ethyl Acetate	4.721	43	1606	0.904	ug/l #	77
38) Carbon Tetrachloride	5.672	117	2156	0.955	ug/l	85
39) Methylcyclohexane	7.385	83	2200	0.947	ug/l	94
40) Benzene	6.043	78	5324	0.933	ug/l	99
41) Methacrylonitrile	4.940	41	836	0.837	ug/l #	69
42) 1,2-Dichloroethane	6.092	62	2147	0.934	ug/l	89
43) Isopropyl Acetate	6.342	43	2534	0.863	ug/l #	94
44) Trichloroethene	7.129	130	1448	0.904	ug/l	78
45) 1,2-Dichloropropane	7.433	63	1355	0.961	ug/l	93

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46) Dibromomethane	7.580	93	1022	0.929	ug/l	91
47) Bromodichloromethane	7.824	83	1934	0.909	ug/l #	93
48) Methyl methacrylate	7.702	41	1402	0.927	ug/l	89
49) 1,4-Dioxane	7.714	88	593m	21.310	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	8030	4.431	ug/l	99
52) Toluene	8.720	92	3231	0.861	ug/l	94
53) t-1,3-Dichloropropene	8.988	75	1741	0.834	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	1891	0.825	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	1456	0.952	ug/l	96
56) Ethyl methacrylate	9.116	69	1720	0.817	ug/l	99
57) 1,3-Dichloropropane	9.311	76	2174	0.881	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	4421	4.420	ug/l	96
59) 2-Hexanone	9.433	43	5946	4.442	ug/l	93
60) Dibromochloromethane	9.518	129	1379	0.838	ug/l	93
61) 1,2-Dibromoethane	9.616	107	1386	0.859	ug/l	99
64) Tetrachloroethene	9.275	164	1386	0.994	ug/l	86
65) Chlorobenzene	10.079	112	3922	0.999	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	1386	0.963	ug/l #	66
67) Ethyl Benzene	10.195	91	6381	0.916	ug/l	96
68) m/p-Xylenes	10.305	106	4964	1.819	ug/l	98
69) o-Xylene	10.646	106	2441	0.925	ug/l	97
70) Styrene	10.658	104	3668	0.849	ug/l	95
71) Bromoform	10.799	173	971	0.880	ug/l #	97
73) Isopropylbenzene	10.963	105	6074	0.936	ug/l	96
74) N-amyl acetate	10.847	43	1731	0.784	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	1942	0.992	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	1748m	1.016	ug/l	
77) Bromobenzene	11.201	156	1565	0.981	ug/l	98
78) n-propylbenzene	11.305	91	6530	0.880	ug/l	99
79) 2-Chlorotoluene	11.366	91	4350	0.965	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	4864	0.892	ug/l	96
82) 4-Chlorotoluene	11.457	91	5105	0.967	ug/l	98
83) tert-Butylbenzene	11.713	119	4998	0.921	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	4957	0.912	ug/l	100
85) sec-Butylbenzene	11.890	105	5842	0.900	ug/l	99
86) p-Isopropyltoluene	12.012	119	5219	0.949	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	2736	0.914	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	3055m	0.996	ug/l	
89) n-Butylbenzene	12.335	91	4003	0.845	ug/l	97
90) Hexachloroethane	12.542	117	897	0.993	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	2961	1.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	404	1.034	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	1671	0.931	ug/l	91
94) Hexachlorobutadiene	13.725	225	811	1.024	ug/l	91
95) Naphthalene	13.780	128	4665	0.803	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1739	0.966	ug/l	97

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

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