

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024785.D
 Acq On : 13 Oct 2021 13:22
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

apatel
 10/14/2021 2:35:50 PM

Quant Time: Oct 13 13:46:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 13:28:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	146534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97148	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.00%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.172	85	1518	1.00	ug/l	87
3) Chloromethane	1.294	50	1544	1.19	ug/l	100
4) Vinyl Chloride	1.374	62	1365	0.99	ug/l #	87
6) Chloroethane	1.691	64	767m	0.87	ug/l	
7) Trichlorofluoromethane	1.892	101	2524	1.08	ug/l	96
8) Diethyl Ether	2.142	74	773	1.00	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	1616	1.21	ug/l	93
12) 1,1-Dichloroethene	2.325	96	1300	1.04	ug/l #	76
14) Allyl chloride	2.666	41	2111	0.93	ug/l #	86
15) Acrylonitrile	3.081	53	4084	4.98	ug/l	98
16) Acetone	2.386	43	4780	5.30	ug/l	90
17) Carbon Disulfide	2.514	76	4122	1.33	ug/l	96
18) Methyl Acetate	2.715	43	2951	1.03	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	4459	0.97	ug/l	91
20) Methylene Chloride	2.794	84	1816	1.25	ug/l #	84
21) trans-1,2-Dichloroethene	3.099	96	1578	1.17	ug/l	98
22) Diisopropyl ether	3.763	45	4188	0.93	ug/l #	76
23) Vinyl Acetate	3.733	43	15083	4.31	ug/l	98
24) 1,1-Dichloroethane	3.617	63	2673	1.03	ug/l #	83
25) 2-Butanone	4.574	43	5761	4.61	ug/l	93
26) 2,2-Dichloropropane	4.495	77	2142	0.94	ug/l	87
27) cis-1,2-Dichloroethene	4.489	96	1631	1.04	ug/l #	59
28) Bromochloromethane	4.916	49	1081	0.94	ug/l #	91
29) Tetrahydrofuran	5.031	42	3858	4.92	ug/l	92
30) Chloroform	5.105	83	2826	1.00	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	2332	0.92	ug/l #	49
36) 1,1-Dichloropropene	5.702	75	1973	0.96	ug/l #	90
37) Ethyl Acetate	4.727	43	2314	0.97	ug/l #	91
38) Carbon Tetrachloride	5.678	117	2170	0.94	ug/l	91
39) Methylcyclohexane	7.385	83	2550	1.02	ug/l	93
40) Benzene	6.050	78	5544	0.94	ug/l #	90
41) Methacrylonitrile	4.940	41	1218	0.95	ug/l #	86
42) 1,2-Dichloroethane	6.098	62	2317	0.96	ug/l	83
43) Isopropyl Acetate	6.354	43	3057	0.82	ug/l #	91
44) Trichloroethene	7.135	130	1653	1.00	ug/l	80
45) 1,2-Dichloropropane	7.446	63	1458	0.94	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1053	0.96	ug/l	94
47) Bromodichloromethane	7.830	83	1799	0.85	ug/l #	87
48) Methyl methacrylate	7.702	41	1436	0.79	ug/l	87
49) 1,4-Dioxane	7.677	88	650	16.85	ug/l #	74
51) 4-Methyl-2-Pentanone	8.580	43	10010	4.09	ug/l	96
52) Toluene	8.726	92	3517	0.93	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	1887	0.80	ug/l #	80
54) cis-1,3-Dichloropropene	8.372	75	1991	0.81	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	1455	0.89	ug/l #	90
56) Ethyl methacrylate	9.116	69	1745	0.73	ug/l #	89
57) 1,3-Dichloropropane	9.317	76	2358	0.89	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.250	63	4459	4.01	ug/l	92
59) 2-Hexanone	9.433	43	7361	3.82	ug/l	95
60) Dibromochloromethane	9.525	129	1192	0.72	ug/l	94
61) 1,2-Dibromoethane	9.616	107	1537	0.89	ug/l	98
64) Tetrachloroethene	9.275	164	1629	1.06	ug/l	90
65) Chlorobenzene	10.079	112	4162	1.03	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	1408	0.92	ug/l #	64
67) Ethyl Benzene	10.195	91	6827	0.96	ug/l	97
68) m/p-Xylenes	10.305	106	4660	1.70	ug/l	92
69) o-Xylene	10.640	106	2386	0.89	ug/l	99
70) Styrene	10.659	104	3472	0.79	ug/l	93
71) Bromoform	10.805	173	849	0.75	ug/l #	98
73) Isopropylbenzene	10.963	105	5900	0.95	ug/l	97
74) N-amyl acetate	10.848	43	2352	0.91	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	2164	1.02	ug/l	91
76) 1,2,3-Trichloropropane	11.244	75	1962m	0.99	ug/l	
77) Bromobenzene	11.201	156	1704	1.07	ug/l	93
78) n-propylbenzene	11.305	91	6708	0.94	ug/l	97
79) 2-Chlorotoluene	11.366	91	4313	0.97	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	4375	0.82	ug/l	98
82) 4-Chlorotoluene	11.457	91	4975	0.97	ug/l	100
83) tert-Butylbenzene	11.719	119	4213	0.81	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	4531	0.85	ug/l	93
85) sec-Butylbenzene	11.896	105	5762	0.88	ug/l	94
86) p-Isopropyltoluene	12.012	119	4472	0.80	ug/l	88
87) 1,3-Dichlorobenzene	11.975	146	3124	1.04	ug/l	97
88) 1,4-Dichlorobenzene	12.049	146	3409m	1.11	ug/l	
89) n-Butylbenzene	12.335	91	4296	0.89	ug/l	99
90) Hexachloroethane	12.542	117	736	0.83	ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	3053	1.02	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	410	0.86	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	1656	0.91	ug/l	99
94) Hexachlorobutadiene	13.725	225	1025	1.19	ug/l	92
95) Naphthalene	13.780	128	3841	0.66	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1590	0.86	ug/l	93

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

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