

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011123\
 Data File : VX033690.D
 Acq On : 11 Jan 2023 11:24
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023

Quant Time: Jan 11 12:22:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 12:22:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	170363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253095	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108222	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	1424	1.014	ug/l	86
3) Chloromethane	1.294	50	1941	1.123	ug/l	91
4) Vinyl Chloride	1.374	62	1673	1.091	ug/l	95
6) Chloroethane	1.697	64	925	1.047	ug/l	91
7) Trichlorofluoromethane	1.892	101	2727	1.257	ug/l	90
8) Diethyl Ether	2.136	74	811	1.188	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.337	101	1864	1.624	ug/l	91
12) 1,1-Dichloroethene	2.325	96	1627	1.522	ug/l	80
14) Allyl chloride	2.666	41	3043	1.145	ug/l	94
15) Acrylonitrile	3.075	53	4434	5.189	ug/l	99
16) Acetone	2.404	43	5924	7.988	ug/l	97
17) Carbon Disulfide	2.514	76	4455	1.269	ug/l	98
18) Methyl Acetate	2.709	43	2831	1.062	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	5375	1.075	ug/l	92
20) Methylene Chloride	2.788	84	2258	1.175	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	1858	1.182	ug/l #	89
22) Diisopropyl ether	3.757	45	5858	1.094	ug/l #	61
23) Vinyl Acetate	3.727	43	20575	5.003	ug/l	99
24) 1,1-Dichloroethane	3.611	63	3257	1.124	ug/l #	91
25) 2-Butanone	4.593	43	7088	5.645	ug/l	94
26) 2,2-Dichloropropane	4.471	77	2273	1.135	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	2058	1.129	ug/l	99
28) Bromochloromethane	4.904	49	1323	1.124	ug/l #	96
29) Tetrahydrofuran	5.038	42	4091	5.137	ug/l	97
30) Chloroform	5.099	83	3293	1.113	ug/l #	83
32) 1,1,1-Trichloroethane	5.379	97	2764	1.080	ug/l #	51
36) 1,1-Dichloropropene	5.690	75	2619	1.162	ug/l	97
37) Ethyl Acetate	4.727	43	3478	1.252	ug/l #	90
38) Carbon Tetrachloride	5.672	117	2550	1.069	ug/l	90
39) Methylcyclohexane	7.379	83	3118	1.108	ug/l	90
40) Benzene	6.038	78	7502	1.139	ug/l #	88
41) Methacrylonitrile	4.928	41	1221	0.892	ug/l #	81
42) 1,2-Dichloroethane	6.092	62	2644	1.077	ug/l	93
43) Isopropyl Acetate	6.342	43	3739	0.970	ug/l	97
44) Trichloroethene	7.123	130	1886	1.004	ug/l	85
45) 1,2-Dichloropropane	7.434	63	1774	1.046	ug/l #	80

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 Supervised By :Mahesh Dadoda 01/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1259	1.060	ug/l	98
47) Bromodichloromethane	7.824	83	2290	0.995	ug/l	87
48) Methyl methacrylate	7.702	41	1839	0.943	ug/l	93
49) 1,4-Dioxane	7.745	88	856m	20.636	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	11253	4.615	ug/l	97
52) Toluene	8.720	92	4726	1.091	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	2041	0.889	ug/l #	81
54) cis-1,3-Dichloropropene	8.366	75	2260	0.887	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	1911	1.127	ug/l	95
56) Ethyl methacrylate	9.122	69	2176	0.859	ug/l	97
57) 1,3-Dichloropropane	9.311	76	2575	0.887	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	6140	4.767	ug/l	97
59) 2-Hexanone	9.433	43	6105	3.389	ug/l	92
60) Dibromochloromethane	9.525	129	1343	0.724	ug/l	93
61) 1,2-Dibromoethane	9.610	107	1346	0.750	ug/l	97
64) Tetrachloroethene	9.269	164	1586	1.358	ug/l	84
65) Chlorobenzene	10.079	112	3744	1.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	1251	1.030	ug/l #	65
67) Ethyl Benzene	10.195	91	6072	1.071	ug/l	100
68) m/p-Xylenes	10.305	106	4494	2.031	ug/l	91
69) o-Xylene	10.640	106	2324	1.059	ug/l	96
70) Styrene	10.659	104	3567	0.990	ug/l	98
71) Bromoform	10.805	173	1134	1.167	ug/l #	94
73) Isopropylbenzene	10.963	105	8399	1.099	ug/l	97
74) N-amyl acetate	10.842	43	2611	0.843	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	2572	1.080	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	2251m	1.135	ug/l	
77) Bromobenzene	11.201	156	2377	1.175	ug/l	97
78) n-propylbenzene	11.305	91	8939	1.032	ug/l	97
79) 2-Chlorotoluene	11.366	91	5815	1.117	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	6723	1.068	ug/l	95
82) 4-Chlorotoluene	11.457	91	6382	1.061	ug/l	98
83) tert-Butylbenzene	11.713	119	6869	1.046	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	6371	1.009	ug/l	97
85) sec-Butylbenzene	11.890	105	8102	1.045	ug/l	96
86) p-Isopropyltoluene	12.006	119	6743	1.017	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	4185	1.149	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	4341m	1.219	ug/l	
89) n-Butylbenzene	12.335	91	5494	0.991	ug/l	96
90) Hexachloroethane	12.536	117	1151	1.076	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	4001	1.150	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	460	1.039	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	2491	1.190	ug/l	96
94) Hexachlorobutadiene	13.725	225	1326	1.247	ug/l	97
95) Naphthalene	13.774	128	7085	1.091	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2540	1.196	ug/l	94

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

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