

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031911.D
 Acq On : 06 Oct 2022 11:02
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 06 13:12:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 13:10:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	70015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	110765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73607	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	74 - 125	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	86 - 113	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	973	1.135	ug/l	93
3) Chloromethane	1.288	50	1270	1.632	ug/l	91
4) Vinyl Chloride	1.374	62	1313	1.335	ug/l	97
6) Chloroethane	1.684	64	1141	1.342	ug/l	99
7) Trichlorofluoromethane	1.886	101	2570	1.292	ug/l	85
8) Diethyl Ether	2.130	74	745	1.096	ug/l	70
9) 1,1,2-Trichlorotrifluo...	2.331	101	1285	1.326	ug/l	92
12) 1,1-Dichloroethene	2.318	96	1148	1.252	ug/l	84
14) Allyl chloride	2.666	41	1664	1.637	ug/l	96
15) Acrylonitrile	3.068	53	2923	6.921	ug/l	96
16) Acetone	2.392	43	3001	8.994	ug/l	95
17) Carbon Disulfide	2.514	76	2754	1.506	ug/l #	89
18) Methyl Acetate	2.709	43	1687	1.540	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	3608	1.265	ug/l	96
20) Methylene Chloride	2.794	84	1600	1.517	ug/l #	80
21) trans-1,2-Dichloroethene	3.093	96	1250	1.225	ug/l	98
22) Diisopropyl ether	3.763	45	3464	1.461	ug/l #	79
23) Vinyl Acetate	3.727	43	11713	6.638	ug/l	95
24) 1,1-Dichloroethane	3.611	63	2113	1.349	ug/l #	88
25) 2-Butanone	4.574	43	4119	7.715	ug/l #	89
26) 2,2-Dichloropropane	4.483	77	1462	1.247	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	1582	1.320	ug/l	85
28) Bromochloromethane	4.897	49	869m	1.366	ug/l	
29) Tetrahydrofuran	5.025	42	2649	7.911	ug/l	98
30) Chloroform	5.092	83	2305	1.221	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	1980	1.201	ug/l	96
36) 1,1-Dichloropropene	5.690	75	1850	1.271	ug/l #	82
37) Ethyl Acetate	4.721	43	1536	1.314	ug/l #	82
38) Carbon Tetrachloride	5.672	117	1680	1.002	ug/l #	85
39) Methylcyclohexane	7.385	83	2127	1.150	ug/l #	82
40) Benzene	6.037	78	5082	1.165	ug/l	100
41) Methacrylonitrile	4.940	41	757	1.244	ug/l #	66
42) 1,2-Dichloroethane	6.098	62	1884	1.276	ug/l	83
43) Isopropyl Acetate	6.348	43	2262	1.264	ug/l #	93
44) Trichloroethene	7.135	130	1575	1.092	ug/l	79
45) 1,2-Dichloropropane	7.440	63	1247	1.259	ug/l #	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	973	1.142	ug/l	90
47) Bromodichloromethane	7.818	83	1437	0.980	ug/l #	77
48) Methyl methacrylate	7.702	41	1054	1.232	ug/l	88
49) 1,4-Dioxane	7.702	88	489	18.222	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	7187	5.958	ug/l #	87
52) Toluene	8.714	92	3070	1.005	ug/l	92
53) t-1,3-Dichloropropene	8.982	75	1049	0.785	ug/l	91
54) cis-1,3-Dichloropropene	8.372	75	1467	0.956	ug/l #	83
55) 1,1,2-Trichloroethane	9.159	97	1460	1.164	ug/l	95
56) Ethyl methacrylate	9.116	69	1512	1.019	ug/l	94
57) 1,3-Dichloropropane	9.311	76	2219	1.174	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.244	63	4285	5.746	ug/l	99
59) 2-Hexanone	9.433	43	5200	5.932	ug/l	96
60) Dibromochloromethane	9.518	129	1026	0.825	ug/l	95
61) 1,2-Dibromoethane	9.616	107	1269	0.961	ug/l	97
64) Tetrachloroethene	9.275	164	1368	0.956	ug/l	96
65) Chlorobenzene	10.079	112	3939	1.167	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	1292	1.096	ug/l #	55
67) Ethyl Benzene	10.195	91	6192	1.128	ug/l	96
68) m/p-Xylenes	10.305	106	4678	2.042	ug/l	97
69) o-Xylene	10.640	106	2360	1.049	ug/l	93
70) Styrene	10.658	104	3386	0.955	ug/l	95
71) Bromoform	10.799	173	699	0.821	ug/l #	97
73) Isopropylbenzene	10.963	105	5720	1.137	ug/l	99
74) N-amyl acetate	10.847	43	1437	1.200	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	2003	1.407	ug/l	88
76) 1,2,3-Trichloropropane	11.238	75	1611m	1.346	ug/l	
77) Bromobenzene	11.195	156	1491	1.116	ug/l	93
78) n-propylbenzene	11.305	91	6361	1.172	ug/l	96
79) 2-Chlorotoluene	11.366	91	4099	1.242	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	4433	1.062	ug/l	100
82) 4-Chlorotoluene	11.457	91	4457	1.179	ug/l	95
83) tert-Butylbenzene	11.719	119	4550	1.090	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	4728	1.134	ug/l	100
85) sec-Butylbenzene	11.890	105	5388	1.062	ug/l	99
86) p-Isopropyltoluene	12.012	119	4403	0.992	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	2661	1.052	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	2944m	1.130	ug/l	
89) n-Butylbenzene	12.335	91	3963	1.170	ug/l	96
90) Hexachloroethane	12.542	117	527	0.878	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	2630	1.039	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	257	1.005	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	1642	1.032	ug/l	95
94) Hexachlorobutadiene	13.725	225	779	1.212	ug/l	91
95) Naphthalene	13.780	128	5156	1.008	ug/l #	97
96) 1,2,3-Trichlorobenzene	13.963	180	1682	1.050	ug/l	89

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

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