

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
 Data File : VX027142.D
 Acq On : 23 Feb 2022 13:26
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022322

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 03:30:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	83464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47120	47.007	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.020%		
35) Dibromofluoromethane	5.391	113	39063	47.549	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.100%		
50) Toluene-d8	8.653	98	146235	47.605	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.220%		
62) 4-Bromofluorobenzene	11.086	95	54318	46.066	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	42166	50.824	ug/l	99
3) Chloromethane	1.295	50	38727	49.936	ug/l	100
4) Vinyl Chloride	1.374	62	39581	51.238	ug/l	100
5) Bromomethane	1.605	94	18641	55.372	ug/l	99
6) Chloroethane	1.685	64	24120	50.848	ug/l	98
7) Trichlorofluoromethane	1.892	101	62605	52.108	ug/l	98
8) Diethyl Ether	2.136	74	22392	53.545	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	44732	53.444	ug/l	96
10) Methyl Iodide	2.453	142	57395	51.068	ug/l	95
11) Tert butyl alcohol	2.971	59	50763	260.276	ug/l	95
12) 1,1-Dichloroethene	2.325	96	42990	52.907	ug/l	89
13) Acrolein	2.240	56	44925	249.208	ug/l	98
14) Allyl chloride	2.666	41	76557	53.512	ug/l	95
15) Acrylonitrile	3.069	53	132849	265.451	ug/l	98
16) Acetone	2.380	43	127491	289.676	ug/l	94
17) Carbon Disulfide	2.514	76	110621	52.356	ug/l	100
18) Methyl Acetate	2.703	43	60428	53.194	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	147532	52.914	ug/l	100
20) Methylene Chloride	2.794	84	46641	51.129	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	45858	52.921	ug/l	96
22) Diisopropyl ether	3.764	45	148026	53.075	ug/l	99
23) Vinyl Acetate	3.727	43	647680	275.006	ug/l	97
24) 1,1-Dichloroethane	3.611	63	82431	52.283	ug/l	99
25) 2-Butanone	4.556	43	190874	272.326	ug/l	100
26) 2,2-Dichloropropane	4.477	77	65287	57.081	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	53911	53.646	ug/l	95
28) Bromochloromethane	4.904	49	30636	48.031	ug/l	92
29) Tetrahydrofuran	5.007	42	121564	259.140	ug/l	96
30) Chloroform	5.099	83	84503	51.603	ug/l	97
31) Cyclohexane	5.477	56	78001	51.957	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	75378	53.173	ug/l	99
36) 1,1-Dichloropropene	5.696	75	64036	53.409	ug/l	97
37) Ethyl Acetate	4.715	43	71291	54.155	ug/l	98
38) Carbon Tetrachloride	5.684	117	67974	54.358	ug/l	96
39) Methylcyclohexane	7.385	83	82376	55.232	ug/l	95
40) Benzene	6.044	78	187019	53.339	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39562	54.784	ug/l	95
42) 1,2-Dichloroethane	6.093	62	66914	53.795	ug/l	97
43) Isopropyl Acetate	6.342	43	112328	55.468	ug/l	97
44) Trichloroethene	7.129	130	55971	53.364	ug/l	94
45) 1,2-Dichloropropane	7.434	63	47042	54.911	ug/l	98
46) Dibromomethane	7.586	93	33351	54.200	ug/l	95
47) Bromodichloromethane	7.824	83	64340	53.572	ug/l	100
48) Methyl methacrylate	7.696	41	54128	55.219	ug/l	95
49) 1,4-Dioxane	7.665	88	23842	1075.897	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	350221	266.078	ug/l	97
52) Toluene	8.720	92	119402	53.183	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	68072	50.084	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	75997	56.687	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	46902	52.744	ug/l	99
56) Ethyl methacrylate	9.116	69	75403	54.464	ug/l	93
57) 1,3-Dichloropropane	9.311	76	78994	53.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	191652	287.188	ug/l	96
59) 2-Hexanone	9.433	43	269548	267.942	ug/l	95
60) Dibromochloromethane	9.525	129	50755	55.020	ug/l	100
61) 1,2-Dibromoethane	9.610	107	50587	53.417	ug/l	100
64) Tetrachloroethene	9.275	164	57468	54.196	ug/l	95
65) Chlorobenzene	10.080	112	126742	53.050	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	47105	54.369	ug/l	100
67) Ethyl Benzene	10.195	91	227440	54.229	ug/l	100
68) m/p-Xylenes	10.305	106	175624	108.923	ug/l	97
69) o-Xylene	10.640	106	85871	53.064	ug/l	96
70) Styrene	10.659	104	145018	54.766	ug/l	97
71) Bromoform	10.805	173	36005	48.288	ug/l #	98
73) Isopropylbenzene	10.964	105	228311	54.189	ug/l	99
74) N-amyl acetate	10.848	43	91001	56.767	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	65215	52.405	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	63402m	53.460	ug/l	
77) Bromobenzene	11.201	156	55770	53.069	ug/l	93
78) n-propylbenzene	11.305	91	259952	54.285	ug/l	98
79) 2-Chlorotoluene	11.366	91	155563	53.013	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	190688	53.825	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	20541	50.590	ug/l	89
82) 4-Chlorotoluene	11.457	91	178146	53.142	ug/l	97
83) tert-Butylbenzene	11.720	119	183975	53.406	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	192236	54.551	ug/l	98
85) sec-Butylbenzene	11.890	105	236893	54.843	ug/l	99
86) p-Isopropyltoluene	12.012	119	203618	55.296	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	104650	52.922	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	105613	52.234	ug/l	98
89) n-Butylbenzene	12.335	91	171071	55.583	ug/l	98
90) Hexachloroethane	12.543	117	31911	55.945	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	102025	52.877	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15997	55.370	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	67383	55.343	ug/l	98
94) Hexachlorobutadiene	13.725	225	27740	54.877	ug/l	99
95) Naphthalene	13.780	128	229124	55.379	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65415	53.600	ug/l	98

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

