

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018599.D
 Acq On : 25 Sep 2020 16:40
 Operator : JC/SP
 Sample : VX0925WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 12:50:20 PM

Quant Time: Sep 28 02:57:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	496857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	754084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	724924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	375886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	354044	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
35) Dibromofluoromethane	5.46	113	273225	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	8.70	98	958568	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.12	95	358771	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	90632	19.240	ug/l	94
3) Chloromethane	1.31	50	88794	16.101	ug/l	96
4) Vinyl Chloride	1.39	62	106152	18.182	ug/l	97
5) Bromomethane	1.64	94	58919	16.442	ug/l	99
6) Chloroethane	1.72	64	63380	18.968	ug/l	96
7) Trichlorofluoromethane	1.92	101	181748	20.491	ug/l	97
8) Diethyl Ether	2.17	74	59826	19.225	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92887	19.457	ug/l	98
10) Methyl Iodide	2.50	142	97571	19.809	ug/l	97
11) Tert butyl alcohol	3.04	59	133960	109.536	ug/l	99
12) 1,1-Dichloroethene	2.36	96	91577	19.032	ug/l	94
13) Acrolein	2.28	56	49567	64.009	ug/l	97
14) Allyl chloride	2.71	41	170450	18.280	ug/l	96
15) Acrylonitrile	3.12	53	276797	94.856	ug/l	99
16) Acetone	2.43	43	259452	96.519	ug/l	100
17) Carbon Disulfide	2.56	76	257685	17.932	ug/l	98
18) Methyl Acetate	2.75	43	138288	20.764	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	339273	20.086	ug/l	96
20) Methylene Chloride	2.84	84	106126	17.894	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	101930	18.227	ug/l	97
22) Diisopropyl ether	3.82	45	335625	19.149	ug/l	100
23) Vinyl Acetate	3.79	43	1493845	96.185	ug/l	100
24) 1,1-Dichloroethane	3.67	63	190013	18.798	ug/l	98
25) 2-Butanone	4.64	43	398675	95.239	ug/l	99
26) 2,2-Dichloropropane	4.55	77	174905	18.728	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	114934	18.337	ug/l	97
28) Bromochloromethane	4.98	49	93017	19.666	ug/l	99
29) Tetrahydrofuran	5.10	42	253466	96.068	ug/l	99
30) Chloroform	5.18	83	204332	19.923	ug/l	100
31) Cyclohexane	5.55	56	154022	18.107	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	188528	19.595	ug/l	98
36) 1,1-Dichloropropene	5.78	75	141478	19.330	ug/l	97
37) Ethyl Acetate	4.80	43	152700	19.537	ug/l	98
38) Carbon Tetrachloride	5.76	117	175514	21.652	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	152766	18.578	ug/l	95
40) Benzene	6.12	78	407522	19.428	ug/l	98
41) Methacrylonitrile	5.01	41	84705	19.504	ug/l	97
42) 1,2-Dichloroethane	6.17	62	174166	21.343	ug/l	100
43) Isopropyl Acetate	6.41	43	257143	19.826	ug/l	100
44) Trichloroethene	7.19	130	120129	19.784	ug/l	93
45) 1,2-Dichloropropane	7.49	63	110988	19.278	ug/l	99
46) Dibromomethane	7.64	93	80257	20.290	ug/l	97
47) Bromodichloromethane	7.87	83	165092	20.710	ug/l	94
48) Methyl methacrylate	7.74	41	127106	20.134	ug/l	99
49) 1,4-Dioxane	7.74	88	47936	459.551	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	803397	104.034	ug/l	99
52) Toluene	8.77	92	258072	19.552	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	180502	19.928	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	188717	20.224	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	111238	20.310	ug/l	98
56) Ethyl methacrylate	9.16	69	162087	19.958	ug/l	97
57) 1,3-Dichloropropane	9.35	76	182132	19.792	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	408572	94.625	ug/l	99
59) 2-Hexanone	9.48	43	601078	102.333	ug/l	99
60) Dibromochloromethane	9.57	129	135114	20.688	ug/l	99
61) 1,2-Dibromoethane	9.65	107	122443	21.011	ug/l	98
64) Tetrachloroethene	9.32	164	105388	18.466	ug/l	98
65) Chlorobenzene	10.12	112	292288	19.581	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	119331	19.928	ug/l	99
67) Ethyl Benzene	10.24	91	508971	19.699	ug/l	98
68) m/p-Xylenes	10.34	106	384215	39.311	ug/l	99
69) o-Xylene	10.68	106	179036	19.344	ug/l	99
70) Styrene	10.70	104	314229	19.663	ug/l	98
71) Bromoform	10.84	173	99681	19.826	ug/l #	97
73) Isopropylbenzene	11.00	105	495622	19.738	ug/l	100
74) N-amyl acetate	10.88	43	220004	19.461	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	164622	19.806	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	148242m	18.767	ug/l	
77) Bromobenzene	11.24	156	133698	19.297	ug/l	97
78) n-propylbenzene	11.34	91	559010	19.019	ug/l	98
79) 2-Chlorotoluene	11.40	91	335528	18.859	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	429931	20.020	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	52349	16.982	ug/l	94
82) 4-Chlorotoluene	11.49	91	413502	19.552	ug/l	99
83) tert-Butylbenzene	11.76	119	415677	19.936	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	431852	19.968	ug/l	99
85) sec-Butylbenzene	11.93	105	471854	19.180	ug/l	100
86) p-Isopropyltoluene	12.05	119	441529	19.528	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	236494	18.984	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	247733	19.613	ug/l	99
89) n-Butylbenzene	12.37	91	396771	18.956	ug/l	99
90) Hexachloroethane	12.58	117	81690	18.097	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	231911	19.890	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	42873	21.248	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	158574	19.541	ug/l	99
94) Hexachlorobutadiene	13.76	225	71400	20.968	ug/l	96
95) Naphthalene	13.82	128	506798	20.680	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	157566	20.317	ug/l	100

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

