

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018490.D
 Acq On : 18 Sep 2020 14:19
 Operator : JC/SP
 Sample : VX0918WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:50:50 AM

Quant Time: Sep 21 02:09:48 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	5.63	168	417187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	638514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	603890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	326164	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	289298	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
35) Dibromofluoromethane	5.46	113	221141	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
50) Toluene-d8	8.70	98	763612	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.12	95	304353	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	77825	19.676	ug/l	96
3) Chloromethane	1.31	50	82894	17.902	ug/l	99
4) Vinyl Chloride	1.39	62	86110	17.565	ug/l	99
5) Bromomethane	1.64	94	61018	20.280	ug/l	95
6) Chloroethane	1.72	64	51679	18.420	ug/l	96
7) Trichlorofluoromethane	1.92	101	149063	20.016	ug/l	95
8) Diethyl Ether	2.17	74	48837	18.691	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75466	18.827	ug/l	98
10) Methyl Iodide	2.49	142	85752	20.504	ug/l	95
11) Tert butyl alcohol	3.01	59	93681	91.229	ug/l	99
12) 1,1-Dichloroethene	2.36	96	73561	18.207	ug/l	95
13) Acrolein	2.27	56	46392	71.350	ug/l	99
14) Allyl chloride	2.71	41	133369	17.035	ug/l	96
15) Acrylonitrile	3.11	53	233245	95.195	ug/l	100
16) Acetone	2.42	43	200259	88.726	ug/l	98
17) Carbon Disulfide	2.55	76	209530	17.365	ug/l	99
18) Methyl Acetate	2.75	43	112102	20.046	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	277939	19.597	ug/l	98
20) Methylene Chloride	2.84	84	86716	17.413	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	83171	17.713	ug/l	97
22) Diisopropyl ether	3.82	45	269344	18.302	ug/l	98
23) Vinyl Acetate	3.78	43	1202750	92.232	ug/l	99
24) 1,1-Dichloroethane	3.67	63	152074	17.918	ug/l	98
25) 2-Butanone	4.63	43	316615	90.080	ug/l	97
26) 2,2-Dichloropropane	4.55	77	135843	17.323	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	93668	17.798	ug/l	99
28) Bromochloromethane	4.98	49	71420	17.983	ug/l	95
29) Tetrahydrofuran	5.09	42	198111	89.427	ug/l	96
30) Chloroform	5.17	83	160539	18.643	ug/l	99
31) Cyclohexane	5.54	56	125068	17.511	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	153968	19.059	ug/l	98
36) 1,1-Dichloropropene	5.77	75	113945	18.386	ug/l	99
37) Ethyl Acetate	4.79	43	128271	19.382	ug/l	99
38) Carbon Tetrachloride	5.76	117	141880	20.671	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	126409	18.155	ug/l	98
40) Benzene	6.12	78	330383	18.602	ug/l	97
41) Methacrylonitrile	5.00	41	69017	18.768	ug/l	99
42) 1,2-Dichloroethane	6.17	62	143992	20.839	ug/l	98
43) Isopropyl Acetate	6.41	43	204706	18.640	ug/l	100
44) Trichloroethene	7.18	130	99192	19.292	ug/l	98
45) 1,2-Dichloropropane	7.49	63	89450	18.349	ug/l	99
46) Dibromomethane	7.63	93	65196	19.466	ug/l	98
47) Bromodichloromethane	7.87	83	134148	19.874	ug/l	95
48) Methyl methacrylate	7.74	41	101755	19.036	ug/l	99
49) 1,4-Dioxane	7.71	88	31502	356.664	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	644158	98.512	ug/l	99
52) Toluene	8.76	92	212248	18.990	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	143801	18.749	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	151483	19.172	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	90485	19.511	ug/l	98
56) Ethyl methacrylate	9.16	69	129406	18.818	ug/l	98
57) 1,3-Dichloropropane	9.35	76	146362	18.784	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	339558	92.876	ug/l	99
59) 2-Hexanone	9.47	43	478340	96.177	ug/l	100
60) Dibromochloromethane	9.56	129	110966	20.066	ug/l	100
61) 1,2-Dibromoethane	9.65	107	100304	20.327	ug/l	97
64) Tetrachloroethene	9.32	164	100859	21.214	ug/l	96
65) Chlorobenzene	10.12	112	237530	19.102	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	97443	19.534	ug/l	100
67) Ethyl Benzene	10.24	91	415267	19.294	ug/l	98
68) m/p-Xylenes	10.34	106	311172	38.218	ug/l	100
69) o-Xylene	10.68	106	146523	19.004	ug/l	99
70) Styrene	10.70	104	258637	19.428	ug/l	98
71) Bromoform	10.84	173	84234	20.112	ug/l #	95
73) Isopropylbenzene	11.00	105	412928	18.951	ug/l	97
74) N-amyl acetate	10.88	43	176492	17.992	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	128642	17.837	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	130404m	19.026	ug/l	
77) Bromobenzene	11.24	156	109643	18.237	ug/l	98
78) n-propylbenzene	11.34	91	472854	18.540	ug/l	99
79) 2-Chlorotoluene	11.40	91	287520	18.624	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	348791	18.718	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	48454	18.115	ug/l	95
82) 4-Chlorotoluene	11.49	91	341838	18.627	ug/l	99
83) tert-Butylbenzene	11.76	119	338225	18.694	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	359210	19.141	ug/l	98
85) sec-Butylbenzene	11.93	105	396826	18.589	ug/l	99
86) p-Isopropyltoluene	12.05	119	379593	19.348	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	201593	18.650	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	203293	18.548	ug/l	98
89) n-Butylbenzene	12.37	91	328357	18.079	ug/l	99
90) Hexachloroethane	12.58	117	71791	18.329	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	188940	18.675	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	34490	19.699	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	130757	18.570	ug/l	96
94) Hexachlorobutadiene	13.76	225	56770	19.213	ug/l	97
95) Naphthalene	13.82	128	394106	18.533	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	130981	19.464	ug/l	99

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

