

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX018000.D
 Acq On : 19 Aug 2020 22:32
 Operator : JC/SP
 Sample : VX0819WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:17:33 AM

Quant Time: Aug 20 05:43:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	440086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	669878	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	648678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	339786	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	320603	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.40%		
35) Dibromofluoromethane	5.47	113	228394	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.56%		
50) Toluene-d8	8.70	98	796288	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.32%		
62) 4-Bromofluorobenzene	11.12	95	321315	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.68%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	107721	16.867	ug/l	96
3) Chloromethane	1.31	50	100394	16.681	ug/l	100
4) Vinyl Chloride	1.39	62	108541	18.891	ug/l	99
5) Bromomethane	1.63	94	72655	21.572	ug/l	99
6) Chloroethane	1.71	64	61623	18.671	ug/l	94
7) Trichlorofluoromethane	1.92	101	167926	18.222	ug/l	99
8) Diethyl Ether	2.17	74	47597	17.721	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74041	17.082	ug/l	99
10) Methyl Iodide	2.49	142	71975	12.877	ug/l	98
11) Tert butyl alcohol	3.02	59	96797	77.712	ug/l	99
12) 1,1-Dichloroethene	2.35	96	70535	17.782	ug/l	97
13) Acrolein	2.28	56	54683	83.108	ug/l	98
14) Allyl chloride	2.71	41	118673	16.774	ug/l	97
15) Acrylonitrile	3.12	53	221628	81.475	ug/l	99
16) Acetone	2.42	43	214469	84.502	ug/l	99
17) Carbon Disulfide	2.55	76	163838	17.023	ug/l	99
18) Methyl Acetate	2.75	43	106932	16.744	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	270763	17.854	ug/l	100
20) Methylene Chloride	2.84	84	77613	16.598	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	68002	16.675	ug/l	93
22) Diisopropyl ether	3.83	45	291848	19.679	ug/l	99
23) Vinyl Acetate	3.79	43	1049148	92.571	ug/l	99
24) 1,1-Dichloroethane	3.67	63	153085	18.620	ug/l	97
25) 2-Butanone	4.64	43	312345	81.290	ug/l	96
26) 2,2-Dichloropropane	4.56	77	109672	14.649	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	87364	18.161	ug/l	92
28) Bromochloromethane	4.98	49	74344	17.498	ug/l	100
29) Tetrahydrofuran	5.10	42	200157	83.876	ug/l	100
30) Chloroform	5.18	83	156700	17.438	ug/l	95
31) Cyclohexane	5.56	56	117706	17.656	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	143136	17.559	ug/l	98
36) 1,1-Dichloropropene	5.77	75	103968	18.543	ug/l	99
37) Ethyl Acetate	4.80	43	109264	16.287	ug/l	99
38) Carbon Tetrachloride	5.76	117	134993	18.603	ug/l	96

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39) Methylcyclohexane	7.44	83	119871	17.234	ug/l	92
40) Benzene	6.12	78	331595	19.636	ug/l	100
41) Methacrylonitrile	5.01	41	67841	17.643	ug/l	99
42) 1,2-Dichloroethane	6.17	62	141533	19.730	ug/l	100
43) Isopropyl Acetate	6.42	43	206808	19.097	ug/l	98
44) Trichloroethene	7.20	130	88719	17.715	ug/l	98
45) 1,2-Dichloropropane	7.49	63	86441	17.865	ug/l	99
46) Dibromomethane	7.63	93	58806	17.414	ug/l	97
47) Bromodichloromethane	7.88	83	130035	17.738	ug/l	97
48) Methyl methacrylate	7.75	41	90133	16.789	ug/l	96
49) 1,4-Dioxane	7.71	88	32373	294.539	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	643168	88.208	ug/l	99
52) Toluene	8.77	92	192176	17.394	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	131176	16.918	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	139811	17.294	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	89912	17.714	ug/l	95
56) Ethyl methacrylate	9.16	69	126321	17.602	ug/l	98
57) 1,3-Dichloropropane	9.35	76	143478	17.799	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	282785	81.371	ug/l	99
59) 2-Hexanone	9.48	43	468926	84.873	ug/l	100
60) Dibromochloromethane	9.57	129	113099	17.841	ug/l	99
61) 1,2-Dibromoethane	9.65	107	93678	16.662	ug/l	100
64) Tetrachloroethene	9.32	164	88603	17.886	ug/l	94
65) Chlorobenzene	10.12	112	229789	17.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	100183	18.393	ug/l	96
67) Ethyl Benzene	10.24	91	383113	18.049	ug/l	99
68) m/p-Xylenes	10.34	106	295615	36.174	ug/l	98
69) o-Xylene	10.68	106	150996	19.161	ug/l	99
70) Styrene	10.69	104	266126	19.575	ug/l	99
71) Bromoform	10.84	173	85999	17.591	ug/l	100
73) Isopropylbenzene	11.00	105	388723	17.774	ug/l	100
74) N-amyl acetate	10.88	43	165191	16.981	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	131246	17.203	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	124778m	17.268	ug/l	
77) Bromobenzene	11.24	156	108993	17.962	ug/l	97
78) n-propylbenzene	11.34	91	437177	17.091	ug/l	100
79) 2-Chlorotoluene	11.40	91	266904	17.121	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	336019	17.503	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	48269	17.549	ug/l	96
82) 4-Chlorotoluene	11.49	91	328380	17.913	ug/l	99
83) tert-Butylbenzene	11.76	119	357247	19.705	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	377616	19.000	ug/l	98
85) sec-Butylbenzene	11.93	105	405622	18.534	ug/l	99
86) p-Isopropyltoluene	12.05	119	365815	17.969	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	197790	17.910	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	200729	18.552	ug/l	99
89) n-Butylbenzene	12.37	91	303015	17.984	ug/l	99
90) Hexachloroethane	12.58	117	72883	18.001	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	189054	18.544	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	33662	17.321	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	125585	18.725	ug/l	98
94) Hexachlorobutadiene	13.76	225	51785	18.092	ug/l	97
95) Naphthalene	13.82	128	427512	20.193	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140099	20.542	ug/l	99

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

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