

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012820\
 Data File : VX014743.D
 Acq On : 28 Jan 2020 11:54
 Operator : JC/SP
 Sample : VX0128WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2020 10:55:36 AM

Quant Time: Jan 28 23:48:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	412822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	606273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	555113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	283375	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	233303	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	5.48	113	187159	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	8.71	98	724472	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.13	95	254061	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.19	85	96454	17.753	ug/l	98
3) Chloromethane	1.32	50	97978	17.544	ug/l	99
4) Vinyl Chloride	1.40	62	109448	18.125	ug/l	99
5) Bromomethane	1.63	94	65682	16.014	ug/l	100
6) Chloroethane	1.72	64	63172	17.383	ug/l	100
7) Trichlorofluoromethane	1.92	101	123978	17.633	ug/l	99
8) Diethyl Ether	2.18	74	55215	17.992	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75294	18.242	ug/l	99
10) Methyl Iodide	2.50	142	94695	17.484	ug/l	98
11) Tert butyl alcohol	3.02	59	93002	85.928	ug/l	100
12) 1,1-Dichloroethene	2.37	96	70812	17.255	ug/l	99
13) Acrolein	2.28	56	57577	67.469	ug/l	98
14) Allyl chloride	2.72	41	128125	17.370	ug/l	97
15) Acrylonitrile	3.12	53	223495	89.247	ug/l	98
16) Acetone	2.43	43	215475	81.655	ug/l	98
17) Carbon Disulfide	2.56	76	189875	16.929	ug/l	100
18) Methyl Acetate	2.76	43	141158	18.717	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	250269	18.619	ug/l	100
20) Methylene Chloride	2.84	84	86414	17.675	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	77537	17.160	ug/l	93
22) Diisopropyl ether	3.84	45	272712	18.583	ug/l	94
23) Vinyl Acetate	3.80	43	1058871	94.651	ug/l	99
24) 1,1-Dichloroethane	3.69	63	145139	18.211	ug/l	99
25) 2-Butanone	4.65	43	320376	84.633	ug/l	100
26) 2,2-Dichloropropane	4.57	77	114258	17.911	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	90502	17.896	ug/l	99
28) Bromochloromethane	5.00	49	69178	19.752	ug/l	99
29) Tetrahydrofuran	5.11	42	201268	89.582	ug/l	99
30) Chloroform	5.20	83	145144	18.384	ug/l	98
31) Cyclohexane	5.57	56	131738	17.574	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	119308	17.878	ug/l	100
36) 1,1-Dichloropropene	5.79	75	107319	19.050	ug/l	99
37) Ethyl Acetate	4.81	43	120241	18.636	ug/l	99
38) Carbon Tetrachloride	5.77	117	100753	18.727	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	130456	18.485	ug/l	97
40) Benzene	6.13	78	328869	18.894	ug/l	97
41) Methacrylonitrile	5.02	41	68167	18.357	ug/l	99
42) 1,2-Dichloroethane	6.17	62	117286	19.513	ug/l	99
43) Isopropyl Acetate	6.43	43	194081	18.369	ug/l	99
44) Trichloroethene	7.20	130	90623	18.432	ug/l	95
45) 1,2-Dichloropropane	7.50	63	85608	19.091	ug/l	97
46) Dibromomethane	7.65	93	57228	19.705	ug/l	99
47) Bromodichloromethane	7.89	83	110579	19.413	ug/l	99
48) Methyl methacrylate	7.76	41	95402	18.898	ug/l	97
49) 1,4-Dioxane	7.73	88	40295	376.547	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	624105	93.588	ug/l	100
52) Toluene	8.78	92	208120	19.451	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	118129	19.260	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	131108	19.431	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	85790	19.584	ug/l	100
56) Ethyl methacrylate	9.17	69	125634	18.097	ug/l	99
57) 1,3-Dichloropropane	9.36	76	145677	19.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	225029	102.142	ug/l	100
59) 2-Hexanone	9.48	43	472516	91.312	ug/l	99
60) Dibromochloromethane	9.57	129	87000	19.027	ug/l	98
61) 1,2-Dibromoethane	9.67	107	89865	19.402	ug/l	99
64) Tetrachloroethene	9.33	164	93613	17.036	ug/l	98
65) Chlorobenzene	10.13	112	220910	18.605	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	80361	18.356	ug/l	99
67) Ethyl Benzene	10.25	91	380867	18.786	ug/l	98
68) m/p-Xylenes	10.35	106	297487	38.732	ug/l	100
69) o-Xylene	10.70	106	140691	18.974	ug/l	99
70) Styrene	10.71	104	239178	19.229	ug/l	99
71) Bromoform	10.85	173	65082	18.694	ug/l	99
73) Isopropylbenzene	11.01	105	377428	18.942	ug/l	99
74) N-amyl acetate	10.89	43	160320	18.361	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	127779	17.961	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	109583m	16.621	ug/l	
77) Bromobenzene	11.25	156	102514	19.151	ug/l	97
78) n-propylbenzene	11.35	91	429390	18.985	ug/l	100
79) 2-Chlorotoluene	11.42	91	256949	18.777	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	318644	19.268	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	38812	16.753	ug/l	95
82) 4-Chlorotoluene	11.51	91	297231	19.079	ug/l	100
83) tert-Butylbenzene	11.76	119	297888	19.170	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	317509	19.142	ug/l	99
85) sec-Butylbenzene	11.94	105	364402	19.142	ug/l	99
86) p-Isopropyltoluene	12.06	119	333614	18.963	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	176805	18.379	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	178897	18.565	ug/l	99
89) n-Butylbenzene	12.39	91	283063	18.474	ug/l	99
90) Hexachloroethane	12.59	117	58518	17.908	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	179724	18.810	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26354	17.242	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	115728	18.787	ug/l	99
94) Hexachlorobutadiene	13.78	225	59736	18.841	ug/l	99
95) Naphthalene	13.83	128	330410	17.255	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	119145	19.129	ug/l	97

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

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