

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011420\
 Data File : VX014599.D
 Acq On : 14 Jan 2020 11:46
 Operator : JC/SP
 Sample : VX0114WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/15/2020 10:24:05 AM

Quant Time: Jan 15 00:46:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	469629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	699315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	634300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	316133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	252141	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
35) Dibromofluoromethane	5.48	113	205801	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	8.71	98	799354	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.13	95	283438	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	107634	18.619	ug/l	98
3) Chloromethane	1.32	50	112847	18.851	ug/l	99
4) Vinyl Chloride	1.40	62	126866	19.019	ug/l	98
5) Bromomethane	1.64	94	74831	16.923	ug/l	98
6) Chloroethane	1.72	64	71901	18.981	ug/l	94
7) Trichlorofluoromethane	1.92	101	138892	18.355	ug/l	95
8) Diethyl Ether	2.18	74	64864	18.789	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	85231	18.514	ug/l	98
10) Methyl Iodide	2.50	142	105301	19.102	ug/l	99
11) Tert butyl alcohol	3.02	59	106996	97.744	ug/l	98
12) 1,1-Dichloroethene	2.37	96	81799	17.636	ug/l	100
13) Acrolein	2.28	56	56556	64.459	ug/l	98
14) Allyl chloride	2.72	41	147860	18.157	ug/l	97
15) Acrylonitrile	3.12	53	260293	98.522	ug/l	99
16) Acetone	2.43	43	238364	87.970	ug/l	99
17) Carbon Disulfide	2.56	76	213800	16.520	ug/l	99
18) Methyl Acetate	2.76	43	157215	20.864	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	288880	19.401	ug/l	99
20) Methylene Chloride	2.85	84	96375	18.273	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	88409	17.459	ug/l	94
22) Diisopropyl ether	3.84	45	314231	19.967	ug/l	93
23) Vinyl Acetate	3.80	43	1209497	99.269	ug/l	99
24) 1,1-Dichloroethane	3.69	63	163164	19.059	ug/l	99
25) 2-Butanone	4.65	43	359623	91.831	ug/l	99
26) 2,2-Dichloropropane	4.58	77	127812	17.624	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	104602	18.479	ug/l	99
28) Bromochloromethane	5.00	49	69855	19.365	ug/l	95
29) Tetrahydrofuran	5.11	42	237358	102.514	ug/l	97
30) Chloroform	5.20	83	161716	19.331	ug/l	98
31) Cyclohexane	5.57	56	149002	18.594	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	130950	18.287	ug/l	99
36) 1,1-Dichloropropene	5.79	75	119830	18.221	ug/l	100
37) Ethyl Acetate	4.81	43	137956	19.312	ug/l	98
38) Carbon Tetrachloride	5.78	117	112621	18.609	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	150931	18.268	ug/l	97
40) Benzene	6.13	78	368696	18.889	ug/l	97
41) Methacrylonitrile	5.02	41	77912	20.453	ug/l	97
42) 1,2-Dichloroethane	6.18	62	130650	19.144	ug/l	100
43) Isopropyl Acetate	6.43	43	224120	19.422	ug/l	98
44) Trichloroethene	7.20	130	103481	18.448	ug/l	99
45) 1,2-Dichloropropane	7.50	63	95601	19.211	ug/l	100
46) Dibromomethane	7.65	93	65738	18.927	ug/l	95
47) Bromodichloromethane	7.89	83	121271	19.189	ug/l	99
48) Methyl methacrylate	7.76	41	108331	19.601	ug/l	99
49) 1,4-Dioxane	7.73	88	47458	405.249	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	713742	101.501	ug/l	98
52) Toluene	8.78	92	235897	18.880	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	132877	18.059	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	148928	18.737	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	98617	19.650	ug/l	99
56) Ethyl methacrylate	9.17	69	145413	18.912	ug/l	96
57) 1,3-Dichloropropane	9.36	76	166211	19.808	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	253865	97.043	ug/l	100
59) 2-Hexanone	9.48	43	538254	96.740	ug/l	98
60) Dibromochloromethane	9.57	129	96723	19.175	ug/l	100
61) 1,2-Dibromoethane	9.67	107	100386	18.883	ug/l	100
64) Tetrachloroethene	9.33	164	109919	17.291	ug/l	97
65) Chlorobenzene	10.13	112	257206	18.685	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	92038	18.736	ug/l	98
67) Ethyl Benzene	10.25	91	443350	18.896	ug/l	99
68) m/p-Xylenes	10.35	106	335139	37.025	ug/l	97
69) o-Xylene	10.70	106	161844	18.740	ug/l	98
70) Styrene	10.71	104	277035	18.588	ug/l	99
71) Bromoform	10.85	173	72829	18.120	ug/l #	98
73) Isopropylbenzene	11.01	105	433011	19.506	ug/l	100
74) N-amyl acetate	10.89	43	186857	19.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	144829	20.343	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	124100m	18.973	ug/l	
77) Bromobenzene	11.25	156	114914	18.666	ug/l	99
78) n-propylbenzene	11.35	91	494911	19.466	ug/l	99
79) 2-Chlorotoluene	11.42	91	294581	19.441	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	360997	19.587	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44130	17.837	ug/l	90
82) 4-Chlorotoluene	11.50	91	338257	19.018	ug/l	98
83) tert-Butylbenzene	11.76	119	344112	19.760	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	362739	19.477	ug/l	100
85) sec-Butylbenzene	11.94	105	421451	19.468	ug/l	100
86) p-Isopropyltoluene	12.06	119	387656	19.297	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199200	18.030	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	203027	19.198	ug/l	99
89) n-Butylbenzene	12.38	91	331250	18.034	ug/l	99
90) Hexachloroethane	12.59	117	65646	18.603	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	202412	18.699	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28565	17.838	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	134925	17.687	ug/l	98
94) Hexachlorobutadiene	13.77	225	69663	19.615	ug/l	99
95) Naphthalene	13.83	128	402892	17.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	137146	18.222	ug/l	99

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

