

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110119\
 Data File : VX013304.D
 Acq On : 01 Nov 2019 12:24
 Operator : JC/SP
 Sample : VX1101WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 1:30:10 PM

Quant Time: Nov 04 00:59:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	708399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1077556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	965686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	478722	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	414383	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.49	113	328881	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	8.71	98	1279754	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	447606	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	163956	20.087	ug/l	98
3) Chloromethane	1.31	50	180451	20.387	ug/l	98
4) Vinyl Chloride	1.40	62	209986	20.838	ug/l	100
5) Bromomethane	1.62	94	129567	18.451	ug/l	99
6) Chloroethane	1.71	64	113380	18.943	ug/l	100
7) Trichlorofluoromethane	1.92	101	229673	19.292	ug/l	98
8) Diethyl Ether	2.17	74	108119	20.537	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	129249	19.478	ug/l	100
10) Methyl Iodide	2.50	142	154523	18.809	ug/l	100
11) Tert butyl alcohol	3.03	59	194050	87.726	ug/l	100
12) 1,1-Dichloroethene	2.36	96	129285	19.896	ug/l	95
13) Acrolein	2.28	56	113043	94.294	ug/l	96
14) Allyl chloride	2.72	41	234809	19.888	ug/l	99
15) Acrylonitrile	3.12	53	407973	98.737	ug/l	99
16) Acetone	2.43	43	400321	95.633	ug/l	98
17) Carbon Disulfide	2.56	76	340343	19.569	ug/l	99
18) Methyl Acetate	2.76	43	230098	19.910	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	438041	20.211	ug/l	98
20) Methylene Chloride	2.84	84	144608	18.697	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	138515	19.578	ug/l	99
22) Diisopropyl ether	3.84	45	463888	20.351	ug/l	99
23) Vinyl Acetate	3.80	43	1925802	98.735	ug/l	99
24) 1,1-Dichloroethane	3.69	63	252758	19.822	ug/l	98
25) 2-Butanone	4.65	43	598322	97.431	ug/l	99
26) 2,2-Dichloropropane	4.57	77	195538	19.276	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	160999	20.314	ug/l	99
28) Bromochloromethane	5.00	49	73105	20.192	ug/l	99
29) Tetrahydrofuran	5.11	42	374864	99.057	ug/l	100
30) Chloroform	5.20	83	250247	19.875	ug/l	95
31) Cyclohexane	5.57	56	223947	19.518	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	214840	19.827	ug/l	98
36) 1,1-Dichloropropene	5.79	75	185040	20.017	ug/l	99
37) Ethyl Acetate	4.82	43	217772	19.065	ug/l	100
38) Carbon Tetrachloride	5.78	117	181593	20.089	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	222892	19.351	ug/l	98
40) Benzene	6.13	78	568898	19.757	ug/l	99
41) Methacrylonitrile	5.03	41	123687	19.319	ug/l	99
42) 1,2-Dichloroethane	6.18	62	209708	20.190	ug/l	99
43) Isopropyl Acetate	6.43	43	346114	19.459	ug/l	100
44) Trichloroethene	7.20	130	154809	19.531	ug/l	98
45) 1,2-Dichloropropane	7.51	63	145897	19.886	ug/l	97
46) Dibromomethane	7.65	93	99219	19.806	ug/l	100
47) Bromodichloromethane	7.89	83	188382	19.942	ug/l	93
48) Methyl methacrylate	7.76	41	178646	20.120	ug/l	99
49) 1,4-Dioxane	7.73	88	75106	369.369	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1141820	97.844	ug/l	100
52) Toluene	8.78	92	357446	20.028	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	202763	19.630	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	227323	19.674	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	147454	19.933	ug/l	98
56) Ethyl methacrylate	9.17	69	225369	18.851	ug/l	99
57) 1,3-Dichloropropane	9.37	76	252990	20.147	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	512960	101.416	ug/l	100
59) 2-Hexanone	9.48	43	893359	99.062	ug/l	99
60) Dibromochloromethane	9.57	129	150661	19.914	ug/l	97
61) 1,2-Dibromoethane	9.67	107	155874	19.844	ug/l	99
64) Tetrachloroethene	9.33	164	140954	20.390	ug/l	99
65) Chlorobenzene	10.14	112	387698	19.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	142737	19.884	ug/l	98
67) Ethyl Benzene	10.25	91	676297	20.043	ug/l	97
68) m/p-Xylenes	10.36	106	514706	40.334	ug/l	99
69) o-Xylene	10.70	106	251664	20.144	ug/l	99
70) Styrene	10.71	104	425179	20.359	ug/l	100
71) Bromoform	10.85	173	111991	18.951	ug/l #	98
73) Isopropylbenzene	11.01	105	670455	21.123	ug/l	100
74) N-amyl acetate	10.89	43	309038	20.996	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	234493	20.251	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	190675m	19.610	ug/l	
77) Bromobenzene	11.25	156	177300	20.954	ug/l	96
78) n-propylbenzene	11.35	91	745970	21.099	ug/l	99
79) 2-Chlorotoluene	11.42	91	444813	20.881	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	556423	21.047	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	69173	18.311	ug/l	93
82) 4-Chlorotoluene	11.51	91	512108	20.537	ug/l	99
83) tert-Butylbenzene	11.76	119	563612	21.178	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	563608	21.251	ug/l	99
85) sec-Butylbenzene	11.94	105	642198	20.996	ug/l	99
86) p-Isopropyltoluene	12.06	119	593753	21.081	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	300286	19.909	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	306993	19.977	ug/l	99
89) n-Butylbenzene	12.39	91	502084	20.430	ug/l	99
90) Hexachloroethane	12.59	117	99833	19.894	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	311092	20.634	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52354	18.558	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	205132	19.506	ug/l	99
94) Hexachlorobutadiene	13.78	225	102992	20.017	ug/l	99
95) Naphthalene	13.83	128	674191	20.433	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	208251	19.745	ug/l	100

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

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