

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020519\
 Data File : VX007368.D
 Acq On : 05 Feb 2019 11:25
 Operator : JC/SP
 Sample : VX0205WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/6/2019 9:29:42 AM

Quant Time: Feb 06 00:38:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	483061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	716826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	660364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	333170	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	248109	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	5.51	113	222882	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	8.71	98	836854	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.13	95	294992	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	120474	20.401	ug/l	97
3) Chloromethane	1.33	50	107243	19.710	ug/l	98
4) Vinyl Chloride	1.41	62	111957	20.974	ug/l	98
5) Bromomethane	1.64	94	110200	20.591	ug/l	95
6) Chloroethane	1.72	64	70779	20.498	ug/l	98
7) Trichlorofluoromethane	1.93	101	171101	20.491	ug/l	97
8) Diethyl Ether	2.20	74	61593	19.598	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	97583	19.647	ug/l	98
10) Methyl Iodide	2.51	142	143673	19.663	ug/l	99
11) Tert butyl alcohol	3.07	59	116746	110.024	ug/l	100
12) 1,1-Dichloroethene	2.38	96	90138	19.543	ug/l	98
13) Acrolein	2.30	56	54559	109.649	ug/l	97
14) Allyl chloride	2.73	41	155613	20.707	ug/l	99
15) Acrylonitrile	3.15	53	273867	104.333	ug/l	99
16) Acetone	2.45	43	244410	104.063	ug/l	100
17) Carbon Disulfide	2.57	76	222976	19.825	ug/l	100
18) Methyl Acetate	2.78	43	141024	23.365	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	301032	20.146	ug/l	97
20) Methylene Chloride	2.86	84	100677	20.756	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	94967	19.329	ug/l	98
22) Diisopropyl ether	3.87	45	280239	20.273	ug/l	98
23) Vinyl Acetate	3.82	43	1178195	102.710	ug/l	100
24) 1,1-Dichloroethane	3.70	63	157812	19.879	ug/l	99
25) 2-Butanone	4.70	43	351651	105.207	ug/l	99
26) 2,2-Dichloropropane	4.59	77	117205	19.387	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	102859	19.167	ug/l	100
28) Bromochloromethane	5.02	49	72025	19.729	ug/l	96
29) Tetrahydrofuran	5.15	42	228513	108.703	ug/l	99
30) Chloroform	5.22	83	165325	19.958	ug/l	99
31) Cyclohexane	5.57	56	137094	19.228	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	142484	20.377	ug/l	99
36) 1,1-Dichloropropene	5.80	75	118961	18.496	ug/l	99
37) Ethyl Acetate	4.85	43	129696	19.948	ug/l	99
38) Carbon Tetrachloride	5.79	117	121167	19.419	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151213	19.432	ug/l	100
40) Benzene	6.15	78	373342	19.706	ug/l	97
41) Methacrylonitrile	5.06	41	72877	20.914	ug/l	99
42) 1,2-Dichloroethane	6.20	62	125416	19.133	ug/l	99
43) Isopropyl Acetate	6.46	43	200737	20.003	ug/l	100
44) Trichloroethene	7.21	130	108399	18.997	ug/l	95
45) 1,2-Dichloropropane	7.52	63	91057	19.182	ug/l	91
46) Dibromomethane	7.66	93	66496	19.274	ug/l	98
47) Bromodichloromethane	7.90	83	114590	19.598	ug/l	98
48) Methyl methacrylate	7.77	41	104699	20.858	ug/l	99
49) 1,4-Dioxane	7.75	88	49716	439.395	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	679240	102.817	ug/l	100
52) Toluene	8.79	92	238679	19.526	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	122442	19.495	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	139323	20.172	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	101237	19.869	ug/l	98
56) Ethyl methacrylate	9.18	69	139306	19.740	ug/l	98
57) 1,3-Dichloropropane	9.37	76	160881	19.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	379682	102.075	ug/l	99
59) 2-Hexanone	9.49	43	519298	101.015	ug/l	100
60) Dibromochloromethane	9.59	129	98560	20.453	ug/l	99
61) 1,2-Dibromoethane	9.67	107	106972	19.824	ug/l	97
64) Tetrachloroethene	9.34	164	117488	18.876	ug/l	97
65) Chlorobenzene	10.14	112	274046	19.017	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	95877	19.845	ug/l	98
67) Ethyl Benzene	10.25	91	451113	19.439	ug/l	97
68) m/p-Xylenes	10.36	106	354363	38.414	ug/l	99
69) o-Xylene	10.70	106	174501	19.659	ug/l	99
70) Styrene	10.71	104	272021	18.896	ug/l	99
71) Bromoform	10.86	173	71233	19.485	ug/l	99
73) Isopropylbenzene	11.02	105	457823	20.221	ug/l	98
74) N-amyl acetate	10.90	43	175577	20.050	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	143330	20.773	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	135805m	20.956	ug/l	
77) Bromobenzene	11.26	156	125039	19.601	ug/l	98
78) n-propylbenzene	11.36	91	509506	20.522	ug/l	99
79) 2-Chlorotoluene	11.42	91	300480	19.946	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	376638	20.334	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36276	20.067	ug/l	94
82) 4-Chlorotoluene	11.51	91	347891	19.958	ug/l	99
83) tert-Butylbenzene	11.77	119	365452	19.928	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	387848	20.625	ug/l	99
85) sec-Butylbenzene	11.94	105	454768	20.489	ug/l	100
86) p-Isopropyltoluene	12.06	119	402656	20.097	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	220638	19.272	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	218201	18.786	ug/l	98
89) n-Butylbenzene	12.38	91	331652	19.242	ug/l	100
90) Hexachloroethane	12.60	117	60572	20.200	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	219804	19.292	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28982	20.201	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	146306	19.041	ug/l	99
94) Hexachlorobutadiene	13.78	225	70788	18.973	ug/l	98
95) Naphthalene	13.83	128	452214	20.126	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	147965	19.131	ug/l	100

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

