

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010430.D
 Acq On : 25 Jun 2019 11:48
 Operator : JC/SP
 Sample : VX0625WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 4:59:02 PM

Quant Time: Jun 26 01:42:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	471492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	428902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220174	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	134831	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.78%		
35) Dibromofluoromethane	5.49	113	130766	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.66%		
50) Toluene-d8	8.71	98	501556	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.90%		
62) 4-Bromofluorobenzene	11.13	95	180527	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.62%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	36306	16.120	ug/l	97
3) Chloromethane	1.32	50	41196	15.708	ug/l	97
4) Vinyl Chloride	1.41	62	44130	15.362	ug/l	98
5) Bromomethane	1.64	94	24394	17.431	ug/l	100
6) Chloroethane	1.72	64	28223	16.653	ug/l	97
7) Trichlorofluoromethane	1.93	101	78150	17.162	ug/l	96
8) Diethyl Ether	2.19	74	27682	16.951	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46618	16.893	ug/l	99
10) Methyl Iodide	2.51	142	54574	13.857	ug/l	99
11) Tert butyl alcohol	3.04	59	66239	83.339	ug/l	99
12) 1,1-Dichloroethene	2.37	96	45557	16.224	ug/l	100
13) Acrolein	2.29	56	34943	66.273	ug/l	97
14) Allyl chloride	2.73	41	66226	16.612	ug/l	100
15) Acrylonitrile	3.14	53	128562	81.697	ug/l	100
16) Acetone	2.44	43	124632	81.871	ug/l	97
17) Carbon Disulfide	2.57	76	112419	14.922	ug/l	100
18) Methyl Acetate	2.77	43	49549	16.331	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	146633	16.599	ug/l	98
20) Methylene Chloride	2.85	84	51480	16.433	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48536	16.071	ug/l	96
22) Diisopropyl ether	3.85	45	140019	16.799	ug/l	97
23) Vinyl Acetate	3.81	43	615041	85.415	ug/l	99
24) 1,1-Dichloroethane	3.70	63	79379	16.476	ug/l	98
25) 2-Butanone	4.67	43	184251	82.512	ug/l	100
26) 2,2-Dichloropropane	4.58	77	70713	16.895	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	56907	16.306	ug/l	98
28) Bromochloromethane	5.01	49	41144	17.861	ug/l	98
29) Tetrahydrofuran	5.13	42	111021	80.267	ug/l	99
30) Chloroform	5.21	83	85786	16.549	ug/l	99
31) Cyclohexane	5.57	56	73144	16.671	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	74724	16.325	ug/l	99
36) 1,1-Dichloropropene	5.80	75	61876	16.515	ug/l	99
37) Ethyl Acetate	4.84	43	65979	17.117	ug/l	100
38) Carbon Tetrachloride	5.79	117	67058	16.528	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83916	17.039	ug/l	98
40) Benzene	6.14	78	197656	16.933	ug/l	99
41) Methacrylonitrile	5.04	41	34972	16.536	ug/l	98
42) 1,2-Dichloroethane	6.20	62	61673	17.357	ug/l	99
43) Isopropyl Acetate	6.45	43	109713	17.204	ug/l	99
44) Trichloroethene	7.21	130	58949	16.877	ug/l	99
45) 1,2-Dichloropropane	7.51	63	50265	17.052	ug/l	95
46) Dibromomethane	7.66	93	35450	16.762	ug/l	98
47) Bromodichloromethane	7.90	83	64040	16.523	ug/l	95
48) Methyl methacrylate	7.77	41	49356	16.651	ug/l	98
49) 1,4-Dioxane	7.74	88	29887	350.001	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	349469	85.684	ug/l	99
52) Toluene	8.78	92	131969	17.168	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	71077	16.357	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	79951	16.931	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	55364	17.463	ug/l	96
56) Ethyl methacrylate	9.18	69	80004	16.659	ug/l	98
57) 1,3-Dichloropropane	9.37	76	83825	17.033	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	202865	88.942	ug/l	100
59) 2-Hexanone	9.49	43	276037	85.993	ug/l	99
60) Dibromochloromethane	9.58	129	58714	16.541	ug/l	99
61) 1,2-Dibromoethane	9.67	107	58434	17.076	ug/l	98
64) Tetrachloroethene	9.34	164	58088	16.745	ug/l	99
65) Chlorobenzene	10.13	112	146873	16.867	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54929	17.318	ug/l	98
67) Ethyl Benzene	10.25	91	251842	17.132	ug/l	99
68) m/p-Xylenes	10.36	106	197057	34.596	ug/l	100
69) o-Xylene	10.69	106	95474	17.044	ug/l	99
70) Styrene	10.71	104	161274	17.168	ug/l	100
71) Bromoform	10.85	173	44249	16.043	ug/l #	99
73) Isopropylbenzene	11.02	105	255313	17.106	ug/l	99
74) N-amyl acetate	10.90	43	95203	16.878	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	82923	16.777	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	68350m	17.036	ug/l	
77) Bromobenzene	11.26	156	69792	16.747	ug/l	98
78) n-propylbenzene	11.36	91	285753	17.420	ug/l	99
79) 2-Chlorotoluene	11.42	91	165557	16.949	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	211009	17.150	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26381	15.339	ug/l	96
82) 4-Chlorotoluene	11.51	91	191757	17.253	ug/l	98
83) tert-Butylbenzene	11.77	119	213426	17.282	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	216952	17.550	ug/l	98
85) sec-Butylbenzene	11.94	105	250868	17.302	ug/l	100
86) p-Isopropyltoluene	12.06	119	232877	17.364	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	123813	17.020	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	123652	16.696	ug/l	98
89) n-Butylbenzene	12.38	91	200589	17.601	ug/l	100
90) Hexachloroethane	12.59	117	38317	16.523	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	123452	17.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16603	15.580	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	86788	17.309	ug/l	99
94) Hexachlorobutadiene	13.78	225	41567	16.963	ug/l	97
95) Naphthalene	13.83	128	264439	17.162	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	85450	17.141	ug/l	99

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

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