

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011137.D
 Acq On : 29 Jul 2019 11:53
 Operator : JC/SP
 Sample : VX0729WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:09:02 AM

Quant Time: Jul 30 05:33:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288466	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138530	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	110323	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
35) Dibromofluoromethane	5.50	113	98329	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
50) Toluene-d8	8.71	98	365219	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	11.13	95	134286	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	42216	20.626	ug/l	98
3) Chloromethane	1.33	50	37398	20.854	ug/l	99
4) Vinyl Chloride	1.41	62	40019	21.878	ug/l	98
5) Bromomethane	1.64	94	23670	22.963	ug/l	98
6) Chloroethane	1.72	64	25818	22.210	ug/l	96
7) Trichlorofluoromethane	1.93	101	71356	23.045	ug/l	98
8) Diethyl Ether	2.19	74	23903	22.405	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38612	21.840	ug/l	98
10) Methyl Iodide	2.51	142	45572	19.643	ug/l	99
11) Tert butyl alcohol	3.04	59	53813	111.376	ug/l	100
12) 1,1-Dichloroethene	2.37	96	37527	21.604	ug/l	99
13) Acrolein	2.29	56	17110	61.292	ug/l	98
14) Allyl chloride	2.73	41	54536	21.615	ug/l	97
15) Acrylonitrile	3.14	53	110066	112.735	ug/l	99
16) Acetone	2.44	43	110720	118.163	ug/l	96
17) Carbon Disulfide	2.57	76	81398	18.268	ug/l	99
18) Methyl Acetate	2.78	43	52205	24.468	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	126879	22.690	ug/l	99
20) Methylene Chloride	2.85	84	43289	21.800	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	39718	21.550	ug/l	93
22) Diisopropyl ether	3.85	45	119806	22.514	ug/l	98
23) Vinyl Acetate	3.81	43	507082	112.465	ug/l	100
24) 1,1-Dichloroethane	3.70	63	69224	22.400	ug/l	99
25) 2-Butanone	4.67	43	157277	116.929	ug/l	99
26) 2,2-Dichloropropane	4.59	77	57863	22.803	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	47637	22.333	ug/l	98
28) Bromochloromethane	5.01	49	29024	19.930	ug/l	99
29) Tetrahydrofuran	5.13	42	96495	113.255	ug/l	99
30) Chloroform	5.21	83	74816	22.397	ug/l	98
31) Cyclohexane	5.57	56	58114	20.631	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	64831	22.433	ug/l	100
36) 1,1-Dichloropropene	5.80	75	51761	21.845	ug/l	99
37) Ethyl Acetate	4.83	43	55249	22.771	ug/l	97
38) Carbon Tetrachloride	5.79	117	56813	23.010	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64198	20.893	ug/l	98
40) Benzene	6.14	78	163756	22.561	ug/l	99
41) Methacrylonitrile	5.04	41	31218	22.665	ug/l	97
42) 1,2-Dichloroethane	6.19	62	58084	23.016	ug/l	99
43) Isopropyl Acetate	6.44	43	90814	22.763	ug/l	99
44) Trichloroethene	7.21	130	46115	21.464	ug/l	93
45) 1,2-Dichloropropane	7.51	63	41589	22.513	ug/l	99
46) Dibromomethane	7.66	93	30525	23.124	ug/l	98
47) Bromodichloromethane	7.90	83	54209	23.069	ug/l	100
48) Methyl methacrylate	7.77	41	43635	22.452	ug/l	98
49) 1,4-Dioxane	7.74	88	24423	449.246	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	303083	117.194	ug/l	100
52) Toluene	8.78	92	105174	22.058	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	57131	22.611	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	63540	22.600	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	45633	23.243	ug/l	97
56) Ethyl methacrylate	9.18	69	67284	23.429	ug/l	99
57) 1,3-Dichloropropane	9.37	76	72227	23.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	167678	122.314	ug/l	99
59) 2-Hexanone	9.49	43	239202	119.250	ug/l	100
60) Dibromochloromethane	9.58	129	46899	22.235	ug/l	99
61) 1,2-Dibromoethane	9.67	107	47748	22.917	ug/l	99
64) Tetrachloroethene	9.34	164	46030	22.078	ug/l	97
65) Chlorobenzene	10.13	112	121271	22.279	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	44046	23.024	ug/l	98
67) Ethyl Benzene	10.25	91	205811	22.214	ug/l	98
68) m/p-Xylenes	10.35	106	157848	44.414	ug/l	100
69) o-Xylene	10.69	106	78146	22.530	ug/l	99
70) Styrene	10.71	104	130831	22.627	ug/l	99
71) Bromoform	10.85	173	33968	21.056	ug/l #	99
73) Isopropylbenzene	11.02	105	210683	22.508	ug/l	100
74) N-amyl acetate	10.90	43	80809	22.594	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70877	23.138	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	59855m	23.943	ug/l	
77) Bromobenzene	11.26	156	56848	22.018	ug/l	98
78) n-propylbenzene	11.36	91	232691	22.498	ug/l	98
79) 2-Chlorotoluene	11.42	91	139094	22.388	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	176905	22.617	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20227	22.848	ug/l	98
82) 4-Chlorotoluene	11.51	91	162724	22.503	ug/l	99
83) tert-Butylbenzene	11.77	119	172783	22.490	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	176548	22.395	ug/l	99
85) sec-Butylbenzene	11.94	105	205002	22.772	ug/l	99
86) p-Isopropyltoluene	12.06	119	189717	22.796	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	100959	22.532	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	101425	22.071	ug/l	98
89) n-Butylbenzene	12.38	91	160579	22.553	ug/l	100
90) Hexachloroethane	12.60	117	28507	21.717	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	102917	23.176	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14729	23.003	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	68266	22.683	ug/l	99
94) Hexachlorobutadiene	13.78	225	34104	22.867	ug/l	99
95) Naphthalene	13.83	128	213455	24.019	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	70590	23.574	ug/l	100

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

