

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011816.D
 Acq On : 24 Aug 2019 14:18
 Operator : JC/SP
 Sample : VX0824WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBS01

Quant Time: Aug 26 04:21:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	369536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	527522	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	477511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261110	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	187565	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
35) Dibromofluoromethane	5.49	113	167076	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
50) Toluene-d8	8.71	98	602523	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.13	95	223844	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	69315	20.098	ug/l	99
3) Chloromethane	1.32	50	62393	20.629	ug/l	99
4) Vinyl Chloride	1.40	62	63552	21.019	ug/l	99
5) Bromomethane	1.64	94	42794	25.692	ug/l	100
6) Chloroethane	1.72	64	37430	21.174	ug/l	97
7) Trichlorofluoromethane	1.93	101	91292	18.965	ug/l	97
8) Diethyl Ether	2.18	74	34917	21.332	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	54941	18.444	ug/l	95
10) Methyl Iodide	2.50	142	64656	17.771	ug/l	98
11) Tert butyl alcohol	3.03	59	72598	98.968	ug/l	97
12) 1,1-Dichloroethene	2.37	96	58400	20.107	ug/l	98
13) Acrolein	2.29	56	26354	92.940	ug/l	99
14) Allyl chloride	2.72	41	83498	18.393	ug/l	98
15) Acrylonitrile	3.14	53	173839	103.609	ug/l	99
16) Acetone	2.43	43	152575	94.483	ug/l	95
17) Carbon Disulfide	2.56	76	134083	18.258	ug/l	100
18) Methyl Acetate	2.76	43	96866	22.106	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	192662	20.679	ug/l	100
20) Methylene Chloride	2.85	84	63532	19.244	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	62073	19.814	ug/l	96
22) Diisopropyl ether	3.85	45	186690	21.207	ug/l	100
23) Vinyl Acetate	3.81	43	716001	98.236	ug/l	100
24) 1,1-Dichloroethane	3.69	63	107669	20.715	ug/l	98
25) 2-Butanone	4.66	43	236191	101.900	ug/l	99
26) 2,2-Dichloropropane	4.57	77	41205	9.335	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	72176	20.090	ug/l	90
28) Bromochloromethane	5.01	49	49180	20.845	ug/l	94
29) Tetrahydrofuran	5.12	42	156447	105.294	ug/l	99
30) Chloroform	5.21	83	113247	20.083	ug/l	94
31) Cyclohexane	5.57	56	90495	19.825	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	99374	20.273	ug/l	99
36) 1,1-Dichloropropene	5.79	75	78911	19.076	ug/l	99
37) Ethyl Acetate	4.82	43	86725	19.811	ug/l	99
38) Carbon Tetrachloride	5.78	117	85249	18.184	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89203	17.401	ug/l	96
40) Benzene	6.13	78	250623	19.585	ug/l	98
41) Methacrylonitrile	5.03	41	49245	19.342	ug/l	98
42) 1,2-Dichloroethane	6.19	62	87038	18.606	ug/l	96
43) Isopropyl Acetate	6.43	43	133908	18.899	ug/l	98
44) Trichloroethene	7.21	130	74115	18.788	ug/l	97
45) 1,2-Dichloropropane	7.51	63	61308	19.060	ug/l	96
46) Dibromomethane	7.66	93	45628	19.241	ug/l	97
47) Bromodichloromethane	7.89	83	80333	18.818	ug/l	98
48) Methyl methacrylate	7.76	41	70420	19.971	ug/l	95
49) 1,4-Dioxane	7.73	88	37015	378.868	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	457563	98.006	ug/l	99
52) Toluene	8.78	92	157262	18.991	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	75213	16.784	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	84251	17.233	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	68054	19.725	ug/l	97
56) Ethyl methacrylate	9.17	69	97707	19.913	ug/l	97
57) 1,3-Dichloropropane	9.37	76	107480	19.293	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	265415	102.832	ug/l	99
59) 2-Hexanone	9.49	43	352770	98.446	ug/l	100
60) Dibromochloromethane	9.58	129	69369	18.596	ug/l	98
61) 1,2-Dibromoethane	9.67	107	73887	19.959	ug/l	98
64) Tetrachloroethene	9.34	164	78785	20.681	ug/l	99
65) Chlorobenzene	10.13	112	180098	19.318	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	67137	19.221	ug/l	98
67) Ethyl Benzene	10.25	91	296034	19.002	ug/l	98
68) m/p-Xylenes	10.35	106	232638	38.727	ug/l	99
69) o-Xylene	10.69	106	114955	19.491	ug/l	97
70) Styrene	10.71	104	193678	19.630	ug/l	98
71) Bromoform	10.85	173	56793	18.848	ug/l	# 99
73) Isopropylbenzene	11.01	105	303990	19.319	ug/l	100
74) N-amyl acetate	10.90	43	115273	18.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	99867	19.174	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	86487m	18.877	ug/l	
77) Bromobenzene	11.25	156	91244	19.669	ug/l	96
78) n-propylbenzene	11.35	91	322373	19.160	ug/l	99
79) 2-Chlorotoluene	11.41	91	200847	19.187	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	256648	19.548	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21104	13.891	ug/l	94
82) 4-Chlorotoluene	11.51	91	230845	19.132	ug/l	99
83) tert-Butylbenzene	11.77	119	250673	19.352	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	259627	19.583	ug/l	99
85) sec-Butylbenzene	11.94	105	289328	19.527	ug/l	99
86) p-Isopropyltoluene	12.06	119	273141	19.159	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	155760	19.498	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	156187	19.325	ug/l	99
89) n-Butylbenzene	12.38	91	210341	17.823	ug/l	100
90) Hexachloroethane	12.59	117	41709	18.832	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	156142	19.379	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	21495	17.754	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	115789	19.537	ug/l	98
94) Hexachlorobutadiene	13.78	225	56076	17.267	ug/l	99
95) Naphthalene	13.83	128	341655	20.931	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	120559	20.259	ug/l	98

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

