

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022619\
 Data File : VX007715.D
 Acq On : 26 Feb 2019 15:59
 Operator : JC/SP
 Sample : VX0226WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/27/2019 10:06:56 AM

Quant Time: Feb 27 00:25:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	316876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	507061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	452423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219107	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	191766	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
35) Dibromofluoromethane	5.50	113	172229	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
50) Toluene-d8	8.71	98	632179	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.13	95	216299	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	58496	20.039	ug/l	96
3) Chloromethane	1.33	50	60969	18.848	ug/l	98
4) Vinyl Chloride	1.41	62	63696	19.193	ug/l	96
5) Bromomethane	1.64	94	45425	20.823	ug/l	99
6) Chloroethane	1.73	64	43454	20.495	ug/l	99
7) Trichlorofluoromethane	1.93	101	101718	19.993	ug/l	99
8) Diethyl Ether	2.20	74	39826	19.074	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59485	19.345	ug/l	94
10) Methyl Iodide	2.51	142	78872	20.599	ug/l	95
11) Tert butyl alcohol	3.07	59	76994	103.386	ug/l #	94
12) 1,1-Dichloroethene	2.38	96	57325	20.682	ug/l	98
13) Acrolein	2.30	56	43472	65.690	ug/l	95
14) Allyl chloride	2.73	41	101712	19.846	ug/l	98
15) Acrylonitrile	3.15	53	179573	102.463	ug/l	99
16) Acetone	2.45	43	168571	96.575	ug/l	100
17) Carbon Disulfide	2.57	76	148547	19.263	ug/l	99
18) Methyl Acetate	2.78	43	79693	20.923	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	193869	20.085	ug/l	98
20) Methylene Chloride	2.86	84	64392	19.978	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	60905	20.212	ug/l	93
22) Diisopropyl ether	3.87	45	206726	19.376	ug/l	98
23) Vinyl Acetate	3.82	43	901858	96.348	ug/l	99
24) 1,1-Dichloroethane	3.70	63	115696	19.953	ug/l	99
25) 2-Butanone	4.70	43	263479	99.096	ug/l	99
26) 2,2-Dichloropropane	4.58	77	79060	17.081	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	77236	20.144	ug/l	97
28) Bromochloromethane	5.02	49	56207	19.912	ug/l	97
29) Tetrahydrofuran	5.16	42	168371	96.067	ug/l	98
30) Chloroform	5.21	83	123595	19.899	ug/l	94
31) Cyclohexane	5.57	56	99146	18.178	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	100214	19.510	ug/l	99
36) 1,1-Dichloropropene	5.80	75	87321	19.155	ug/l	100
37) Ethyl Acetate	4.85	43	96061	18.970	ug/l	97
38) Carbon Tetrachloride	5.79	117	86421	18.872	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	104428	18.125	ug/l	96
40) Benzene	6.15	78	278037	19.758	ug/l	99
41) Methacrylonitrile	5.06	41	53812	19.901	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93057	19.674	ug/l	98
43) Isopropyl Acetate	6.46	43	151959	19.498	ug/l	99
44) Trichloroethene	7.21	130	75860	19.596	ug/l	93
45) 1,2-Dichloropropane	7.51	63	70184	19.253	ug/l	98
46) Dibromomethane	7.66	93	48957	19.251	ug/l	93
47) Bromodichloromethane	7.90	83	84750	19.230	ug/l	99
48) Methyl methacrylate	7.77	41	76866	18.815	ug/l	99
49) 1,4-Dioxane	7.75	88	34923	395.792	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	509407	97.645	ug/l	100
52) Toluene	8.78	92	175069	19.729	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	89481	18.219	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	102013	19.075	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	74157	20.040	ug/l	96
56) Ethyl methacrylate	9.18	69	101363	19.262	ug/l	98
57) 1,3-Dichloropropane	9.37	76	117188	19.783	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	285456	98.370	ug/l	100
59) 2-Hexanone	9.49	43	394888	96.414	ug/l	100
60) Dibromochloromethane	9.58	129	69347	19.476	ug/l	98
61) 1,2-Dibromoethane	9.67	107	76671	19.956	ug/l	100
64) Tetrachloroethene	9.33	164	72765	19.812	ug/l	97
65) Chlorobenzene	10.14	112	193607	19.786	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	66697	19.541	ug/l	98
67) Ethyl Benzene	10.25	91	315345	19.454	ug/l	100
68) m/p-Xylenes	10.36	106	247007	39.170	ug/l	100
69) o-Xylene	10.69	106	116752	19.248	ug/l	97
70) Styrene	10.71	104	193329	19.391	ug/l	99
71) Bromoform	10.85	173	47367	18.506	ug/l	98
73) Isopropylbenzene	11.02	105	317155	20.253	ug/l	99
74) N-amyl acetate	10.90	43	132566	19.494	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	110249	20.355	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	100138m	21.441	ug/l	
77) Bromobenzene	11.26	156	80935	20.606	ug/l	92
78) n-propylbenzene	11.36	91	352870	19.941	ug/l	98
79) 2-Chlorotoluene	11.42	91	211914	19.889	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	255519	19.837	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	26478	17.287	ug/l	94
82) 4-Chlorotoluene	11.51	91	240280	19.277	ug/l	98
83) tert-Butylbenzene	11.77	119	247879	20.042	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	265116	20.121	ug/l	99
85) sec-Butylbenzene	11.94	105	307870	19.865	ug/l	99
86) p-Isopropyltoluene	12.06	119	268672	19.795	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	144038	19.770	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	145671	19.523	ug/l	98
89) n-Butylbenzene	12.38	91	223281	18.446	ug/l	99
90) Hexachloroethane	12.60	117	44374	19.404	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	145189	19.917	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21729	18.412	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85425	19.197	ug/l	98
94) Hexachlorobutadiene	13.78	225	39331	19.321	ug/l	98
95) Naphthalene	13.83	128	293951	20.390	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	87888	19.670	ug/l	98

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

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