

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032619\
 Data File : VX008452.D
 Acq On : 26 Mar 2019 13:20
 Operator : JC/SP
 Sample : VX0326WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 10:40:50 AM

Quant Time: Mar 27 02:12:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	191486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330138	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133277	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	141769	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
35) Dibromofluoromethane	5.50	113	104467	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
50) Toluene-d8	8.71	98	415763	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.13	95	151297	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40129	17.779	ug/l	99
3) Chloromethane	1.32	50	58119	20.018	ug/l	98
4) Vinyl Chloride	1.40	62	58273	18.491	ug/l	99
5) Bromomethane	1.64	94	27485	17.824	ug/l	98
6) Chloroethane	1.72	64	35582	19.059	ug/l	99
7) Trichlorofluoromethane	1.93	101	66789	18.712	ug/l	100
8) Diethyl Ether	2.18	74	31825	18.841	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40302	18.684	ug/l	99
10) Methyl Iodide	2.51	142	35707	19.737	ug/l	99
11) Tert butyl alcohol	3.04	59	63313	98.438	ug/l	98
12) 1,1-Dichloroethene	2.37	96	41136	18.465	ug/l	96
13) Acrolein	2.29	56	38300	82.001	ug/l	99
14) Allyl chloride	2.73	41	90064	18.351	ug/l	99
15) Acrylonitrile	3.14	53	159478	94.560	ug/l	99
16) Acetone	2.44	43	143236	94.405	ug/l	98
17) Carbon Disulfide	2.57	76	121947	18.840	ug/l	99
18) Methyl Acetate	2.77	43	68971	18.927	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	153370	19.105	ug/l	100
20) Methylene Chloride	2.85	84	49925	19.775	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	43695	19.519	ug/l	97
22) Diisopropyl ether	3.85	45	184621	19.104	ug/l	99
23) Vinyl Acetate	3.81	43	817016	96.904	ug/l	99
24) 1,1-Dichloroethane	3.70	63	92382	18.935	ug/l	98
25) 2-Butanone	4.67	43	234680	96.480	ug/l	100
26) 2,2-Dichloropropane	4.59	77	57545	17.733	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	51577	18.934	ug/l	99
28) Bromochloromethane	5.02	49	44489	18.457	ug/l	100
29) Tetrahydrofuran	5.13	42	154378	96.297	ug/l	100
30) Chloroform	5.21	83	83763	19.024	ug/l	99
31) Cyclohexane	5.58	56	86989	18.695	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	66237	18.820	ug/l	98
36) 1,1-Dichloropropene	5.80	75	63142	17.938	ug/l	99
37) Ethyl Acetate	4.83	43	89729	19.677	ug/l	99
38) Carbon Tetrachloride	5.78	117	54612	18.591	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77210	18.354	ug/l	99
40) Benzene	6.14	78	197131	18.707	ug/l	100
41) Methacrylonitrile	5.04	41	49672	19.383	ug/l	99
42) 1,2-Dichloroethane	6.19	62	70986	18.398	ug/l	99
43) Isopropyl Acetate	6.45	43	135902	18.632	ug/l	99
44) Trichloroethene	7.21	130	44349	17.924	ug/l	100
45) 1,2-Dichloropropane	7.51	63	56690	18.926	ug/l	98
46) Dibromomethane	7.66	93	32566	18.619	ug/l	99
47) Bromodichloromethane	7.90	83	63310	18.910	ug/l	98
48) Methyl methacrylate	7.77	41	69076	18.927	ug/l	100
49) 1,4-Dioxane	7.74	88	29203	402.433	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	457560	96.584	ug/l	100
52) Toluene	8.78	92	118962	18.880	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	66624	18.168	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	76728	18.401	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	48420	18.878	ug/l	98
56) Ethyl methacrylate	9.18	69	87541	18.908	ug/l	99
57) 1,3-Dichloropropane	9.37	76	86469	18.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	222035	92.775	ug/l	100
59) 2-Hexanone	9.49	43	358477	97.655	ug/l	99
60) Dibromochloromethane	9.58	129	45108	18.492	ug/l	98
61) 1,2-Dibromoethane	9.67	107	49773	19.015	ug/l	100
64) Tetrachloroethene	9.34	164	35820	18.023	ug/l	99
65) Chlorobenzene	10.14	112	120376	18.856	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	41556	18.867	ug/l	99
67) Ethyl Benzene	10.25	91	227257	18.862	ug/l	99
68) m/p-Xylenes	10.36	106	163284	37.252	ug/l	99
69) o-Xylene	10.69	106	81199	19.089	ug/l	99
70) Styrene	10.71	104	137634	18.732	ug/l	100
71) Bromoform	10.85	173	31498	18.108	ug/l #	99
73) Isopropylbenzene	11.02	105	215046	19.833	ug/l	99
74) N-amyl acetate	10.90	43	122896	19.582	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82505	19.612	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	77960m	19.676	ug/l	
77) Bromobenzene	11.26	156	49833	18.937	ug/l	99
78) n-propylbenzene	11.36	91	248753	19.584	ug/l	99
79) 2-Chlorotoluene	11.42	91	148735	19.252	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	179491	19.581	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22570	18.244	ug/l	90
82) 4-Chlorotoluene	11.51	91	170115	19.090	ug/l	100
83) tert-Butylbenzene	11.77	119	171361	19.376	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	179596	19.370	ug/l	99
85) sec-Butylbenzene	11.94	105	206705	19.626	ug/l	99
86) p-Isopropyltoluene	12.06	119	182997	19.691	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	88315	18.783	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	88549	18.661	ug/l	99
89) n-Butylbenzene	12.38	91	167175	18.989	ug/l	99
90) Hexachloroethane	12.60	117	29818	19.259	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	88947	18.891	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18159	19.796	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	59988	18.924	ug/l	99
94) Hexachlorobutadiene	13.78	225	28575	18.984	ug/l	99
95) Naphthalene	13.83	128	216791	19.947	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	62066	19.484	ug/l	99

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

