

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008386.D
 Acq On : 24 Mar 2019 12:59
 Operator : JC/SP
 Sample : VX0324WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:24:23 AM

Quant Time: Mar 25 06:47:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	205035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355909	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147024	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	154880	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	5.50	113	111910	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	8.71	98	452525	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	162865	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45990	19.814	ug/l	99
3) Chloromethane	1.32	50	67435	19.599	ug/l	100
4) Vinyl Chloride	1.40	62	66596	19.830	ug/l	99
5) Bromomethane	1.64	94	41998	19.860	ug/l	98
6) Chloroethane	1.72	64	39464	20.065	ug/l	95
7) Trichlorofluoromethane	1.93	101	74115	19.407	ug/l	98
8) Diethyl Ether	2.18	74	35624	19.481	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	43542	19.246	ug/l	90
10) Methyl Iodide	2.51	142	49970	17.410	ug/l	97
11) Tert butyl alcohol	3.04	59	67103	96.336	ug/l	98
12) 1,1-Dichloroethene	2.37	96	45250	19.377	ug/l	89
13) Acrolein	2.29	56	49727	83.544	ug/l	99
14) Allyl chloride	2.73	41	98547	19.075	ug/l	94
15) Acrylonitrile	3.14	53	174500	97.827	ug/l	98
16) Acetone	2.44	43	160643	102.772	ug/l	98
17) Carbon Disulfide	2.57	76	136115	18.228	ug/l	99
18) Methyl Acetate	2.77	43	76206	19.477	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	167128	19.870	ug/l	98
20) Methylene Chloride	2.85	84	54695	19.437	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	48422	19.149	ug/l	91
22) Diisopropyl ether	3.85	45	202477	20.129	ug/l #	83
23) Vinyl Acetate	3.81	43	898631	101.184	ug/l	97
24) 1,1-Dichloroethane	3.70	63	101051	19.704	ug/l	99
25) 2-Butanone	4.67	43	258095	100.277	ug/l	95
26) 2,2-Dichloropropane	4.58	77	62601	18.946	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	56180	19.398	ug/l	91
28) Bromochloromethane	5.01	49	54072	21.120	ug/l #	77
29) Tetrahydrofuran	5.13	42	168736	98.735	ug/l	96
30) Chloroform	5.21	83	91100	19.702	ug/l	100
31) Cyclohexane	5.58	56	96891	19.702	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	71609	19.575	ug/l	96
36) 1,1-Dichloropropene	5.80	75	70813	19.471	ug/l	95
37) Ethyl Acetate	4.83	43	97779	19.865	ug/l	97
38) Carbon Tetrachloride	5.79	117	59299	19.021	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86860	19.485	ug/l	91
40) Benzene	6.14	78	217520	19.639	ug/l	99
41) Methacrylonitrile	5.04	41	54221	20.210	ug/l	97
42) 1,2-Dichloroethane	6.19	62	79403	19.755	ug/l	96
43) Isopropyl Acetate	6.45	43	149218	19.469	ug/l	97
44) Trichloroethene	7.21	130	48562	18.881	ug/l	88
45) 1,2-Dichloropropane	7.51	63	61322	19.557	ug/l	99
46) Dibromomethane	7.66	93	35218	18.926	ug/l #	85
47) Bromodichloromethane	7.90	83	67995	19.157	ug/l	99
48) Methyl methacrylate	7.77	41	76774	19.851	ug/l	93
49) 1,4-Dioxane	7.74	88	30847	395.316	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	496436	98.718	ug/l	97
52) Toluene	8.78	92	128589	19.800	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	72983	19.125	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	83064	19.198	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	52397	19.423	ug/l	96
56) Ethyl methacrylate	9.18	69	94628	19.814	ug/l	91
57) 1,3-Dichloropropane	9.37	76	93426	19.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	252540	98.073	ug/l	92
59) 2-Hexanone	9.49	43	388037	100.517	ug/l	95
60) Dibromochloromethane	9.58	129	49098	19.608	ug/l	99
61) 1,2-Dibromoethane	9.67	107	55140	20.140	ug/l	96
64) Tetrachloroethene	9.34	164	39500	19.203	ug/l	96
65) Chlorobenzene	10.14	112	129231	19.590	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	45671	19.964	ug/l	98
67) Ethyl Benzene	10.25	91	245161	19.847	ug/l	97
68) m/p-Xylenes	10.36	106	178334	40.182	ug/l	92
69) o-Xylene	10.69	106	86468	19.924	ug/l	92
70) Styrene	10.71	104	151073	20.073	ug/l	96
71) Bromoform	10.85	173	34155	19.381	ug/l #	99
73) Isopropylbenzene	11.02	105	229940	19.818	ug/l	98
74) N-amyl acetate	10.90	43	136302	20.064	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	87252	18.879	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	73504m	19.100	ug/l	
77) Bromobenzene	11.26	156	53393	19.448	ug/l	80
78) n-propylbenzene	11.36	91	272352	20.027	ug/l	95
79) 2-Chlorotoluene	11.42	91	163354	19.720	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	196700	19.928	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	24533	18.167	ug/l #	85
82) 4-Chlorotoluene	11.51	91	185223	19.405	ug/l	94
83) tert-Butylbenzene	11.77	119	186623	19.855	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	198534	20.156	ug/l	96
85) sec-Butylbenzene	11.94	105	224469	19.926	ug/l	96
86) p-Isopropyltoluene	12.06	119	199184	20.061	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	95329	19.333	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	95628	19.060	ug/l	96
89) n-Butylbenzene	12.38	91	185176	19.535	ug/l	96
90) Hexachloroethane	12.60	117	31354	19.117	ug/l	81
91) 1,2-Dichlorobenzene	12.39	146	96673	19.358	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19825	20.126	ug/l	75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	63513	18.860	ug/l	99
94) Hexachlorobutadiene	13.78	225	30767	19.332	ug/l	98
95) Naphthalene	13.83	128	238895	20.201	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	67874	19.974	ug/l	98

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

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