

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\
 Data File : VX005538.D
 Acq On : 24 Oct 2018 13:18
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102418

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:53:24 AM

Quant Time: Oct 25 05:07:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	339068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	137796	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	5.50	113	109434	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
50) Toluene-d8	8.72	98	408920	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.14	95	154893	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	94899	40.806	ug/l	96
3) Chloromethane	1.32	50	128593	43.419	ug/l	98
4) Vinyl Chloride	1.40	62	130114	44.679	ug/l	100
5) Bromomethane	1.64	94	90848	50.134	ug/l	99
6) Chloroethane	1.71	64	81353	43.729	ug/l	93
7) Trichlorofluoromethane	1.92	101	188540	46.593	ug/l	99
8) Diethyl Ether	2.18	74	79965	49.518	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106576	45.904	ug/l	96
10) Methyl Iodide	2.51	142	104295	43.393	ug/l	99
11) Tert butyl alcohol	3.08	59	198473	256.439	ug/l	100
12) 1,1-Dichloroethene	2.37	96	106513	48.159	ug/l	92
13) Acrolein	2.29	56	100962	255.728	ug/l	95
14) Allyl chloride	2.73	41	237900	48.196	ug/l	97
15) Acrylonitrile	3.15	53	420546	242.318	ug/l	97
16) Acetone	2.45	43	373964	246.063	ug/l	94
17) Carbon Disulfide	2.57	76	326632	48.447	ug/l	97
18) Methyl Acetate	2.78	43	206225	55.076	ug/l #	90
19) Methyl tert-butyl Ether	3.20	73	382545	48.488	ug/l	97
20) Methylene Chloride	2.85	84	119401	46.909	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	110921	45.933	ug/l	93
22) Diisopropyl ether	3.86	45	417305	48.412	ug/l #	79
23) Vinyl Acetate	3.82	43	1833735	241.548	ug/l	96
24) 1,1-Dichloroethane	3.69	63	218490	46.621	ug/l	99
25) 2-Butanone	4.70	43	579830	250.539	ug/l	93
26) 2,2-Dichloropropane	4.59	77	182643	50.480	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	124032	47.642	ug/l	92
28) Bromochloromethane	5.01	49	110144	48.593	ug/l	90
29) Tetrahydrofuran	5.17	42	379762	252.147	ug/l	91
30) Chloroform	5.21	83	210129	47.934	ug/l	99
31) Cyclohexane	5.57	56	194166	50.074	ug/l #	94
32) 1,1,1-Trichloroethane	5.49	97	188861	48.812	ug/l	99
36) 1,1-Dichloropropene	5.79	75	158252	48.093	ug/l	99
37) Ethyl Acetate	4.85	43	210699	50.179	ug/l	97
38) Carbon Tetrachloride	5.78	117	161191	46.511	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	186609	51.358	ug/l	96
40) Benzene	6.14	78	465084	49.306	ug/l	99
41) Methacrylonitrile	5.06	41	118882	50.827	ug/l	97
42) 1,2-Dichloroethane	6.20	62	171929	47.980	ug/l	95
43) Isopropyl Acetate	6.46	43	315612	50.159	ug/l	97
44) Trichloroethene	7.21	130	124132	48.306	ug/l	93
45) 1,2-Dichloropropane	7.51	63	121005	47.715	ug/l	99
46) Dibromomethane	7.66	93	79954	48.815	ug/l	97
47) Bromodichloromethane	7.90	83	153491	48.284	ug/l	99
48) Methyl methacrylate	7.77	41	159035	51.882	ug/l	93
49) 1,4-Dioxane	7.76	88	69342	1035.147	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1077568	254.819	ug/l	94
52) Toluene	8.79	92	285906	49.873	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	178958	52.088	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	191842	51.864	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	116167	48.064	ug/l	97
56) Ethyl methacrylate	9.18	69	192204	53.315	ug/l	93
57) 1,3-Dichloropropane	9.37	76	197055	48.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	528157	262.313	ug/l	93
59) 2-Hexanone	9.50	43	874910	262.408	ug/l	92
60) Dibromochloromethane	9.59	129	126798	50.283	ug/l	100
61) 1,2-Dibromoethane	9.67	107	123937	49.566	ug/l	100
64) Tetrachloroethene	9.34	164	122954	47.979	ug/l	98
65) Chlorobenzene	10.14	112	321887	48.966	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	118798	49.562	ug/l	98
67) Ethyl Benzene	10.25	91	560227	51.798	ug/l	97
68) m/p-Xylenes	10.36	106	430804	102.667	ug/l	93
69) o-Xylene	10.70	106	210099	53.219	ug/l	96
70) Styrene	10.71	104	349814	52.932	ug/l	96
71) Bromoform	10.86	173	107097	50.071	ug/l	99
73) Isopropylbenzene	11.02	105	571796	53.096	ug/l	99
74) N-amyl acetate	10.90	43	290356	54.413	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	196241	49.393	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	186003m	51.835	ug/l	
77) Bromobenzene	11.26	156	151545	50.494	ug/l	97
78) n-propylbenzene	11.36	91	661780	53.742	ug/l	99
79) 2-Chlorotoluene	11.42	91	390338	51.124	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	491518	53.354	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	61296	53.658	ug/l	97
82) 4-Chlorotoluene	11.51	91	468112	51.995	ug/l	99
83) tert-Butylbenzene	11.77	119	488081	53.151	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	507700	54.377	ug/l	97
85) sec-Butylbenzene	11.94	105	585087	53.396	ug/l	99
86) p-Isopropyltoluene	12.07	119	531520	54.262	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	282967	50.138	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	288086	48.802	ug/l	98
89) n-Butylbenzene	12.39	91	480525	54.339	ug/l	97
90) Hexachloroethane	12.60	117	87434	51.753	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	284227	49.777	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49179	51.194	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	218443	52.775	ug/l	99
94) Hexachlorobutadiene	13.79	225	106872	49.824	ug/l	97
95) Naphthalene	13.83	128	670200	55.703	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	218936	52.180	ug/l	99

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

