

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002856.D
 Acq On : 25 Jun 2018 10:55
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 12:00:00 PM

Quant Time: Jun 25 14:30:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 12:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384156	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	3491	1.16	ug/l	90
3) Chloromethane	1.33	50	3935	1.10	ug/l	92
4) Vinyl Chloride	1.41	62	3657	0.99	ug/l #	11
5) Bromomethane	1.65	94	3437	1.54	ug/l	96
6) Chloroethane	1.73	64	2856	1.17	ug/l #	79
7) Trichlorofluoromethane	1.93	101	5812	0.97	ug/l	90
8) Diethyl Ether	2.19	74	2225	0.97	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3684	1.10	ug/l	97
12) 1,1-Dichloroethene	2.38	96	3265	1.03	ug/l #	76
14) Allyl chloride	2.73	41	5914	0.94	ug/l	97
15) Acrylonitrile	3.15	53	8404	4.34	ug/l	96
16) Acetone	2.45	43	8486	4.48	ug/l	98
17) Carbon Disulfide	2.57	76	8811	1.18	ug/l #	89
18) Methyl Acetate	2.78	43	4070	0.81	ug/l #	79
19) Methyl tert-butyl Ether	3.21	73	10412	0.88	ug/l	99
20) Methylene Chloride	2.86	84	3571	0.92	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	3447	1.01	ug/l	98
22) Diisopropyl ether	3.88	45	10902	0.96	ug/l	98
23) Vinyl Acetate	3.83	43	45858	4.83	ug/l	96
24) 1,1-Dichloroethane	3.70	63	6297	1.02	ug/l #	93
25) 2-Butanone	4.71	43	11553	4.64	ug/l	97
26) 2,2-Dichloropropane	4.59	77	5013	1.13	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	3773	1.08	ug/l #	1
28) Bromochloromethane	5.03	49	3002	1.04	ug/l #	98
29) Tetrahydrofuran	5.16	42	7817	4.79	ug/l	96
30) Chloroform	5.22	83	5992	1.01	ug/l	97
31) Cyclohexane	5.58	56	5253	1.04	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	5083	1.02	ug/l #	50
36) 1,1-Dichloropropene	5.81	75	4541	1.11	ug/l	96
37) Ethyl Acetate	4.86	43	4278	0.93	ug/l	98
38) Carbon Tetrachloride	5.79	117	4860	1.20	ug/l	89
39) Methylcyclohexane	7.46	83	5093	1.07	ug/l	97
40) Benzene	6.14	78	12679	1.04	ug/l	94
41) Methacrylonitrile	5.06	41	2660	1.02	ug/l #	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	5510	1.16	ug/l	97
43) Isopropyl Acetate	6.47	43	7816	1.02	ug/l	97
44) Trichloroethene	7.21	130	3979	1.13	ug/l	97
45) 1,2-Dichloropropane	7.52	63	3528	1.10	ug/l #	88
46) Dibromomethane	7.67	93	2435	1.13	ug/l	95
47) Bromodichloromethane	7.90	83	4001	1.05	ug/l	99
48) Methyl methacrylate	7.77	41	3647	0.93	ug/l	99
49) 1,4-Dioxane	7.76	88	1488	20.10	ug/l #	77
51) 4-Methyl-2-Pentanone	8.65	43	20856	4.25	ug/l	98
52) Toluene	8.79	92	7744	0.99	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	3927	0.88	ug/l	95
54) cis-1,3-Dichloropropene	9.04	75	4109	0.99	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	3227	1.02	ug/l	93
56) Ethyl methacrylate	9.18	69	4038	0.83	ug/l	97
57) 1,3-Dichloropropane	9.37	76	5355	1.00	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	9474	4.04	ug/l	96
59) 2-Hexanone	9.50	43	15076	4.07	ug/l	99
60) Dibromochloromethane	9.59	129	2890	0.95	ug/l	95
61) 1,2-Dibromoethane	9.68	107	3260	1.00	ug/l	92
64) Tetrachloroethene	9.34	164	4365	1.12	ug/l	99
65) Chlorobenzene	10.14	112	9695	1.12	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	3170	1.08	ug/l #	65
67) Ethyl Benzene	10.26	91	14500	1.00	ug/l	96
68) m/p-Xylenes	10.36	106	10836	1.93	ug/l	99
69) o-Xylene	10.70	106	5272	0.96	ug/l	98
70) Styrene	10.71	104	8022	0.88	ug/l	95
71) Bromoform	10.86	173	2063	0.93	ug/l #	98
73) Isopropylbenzene	11.02	105	13742	0.98	ug/l	96
74) N-amyl acetate	6.47	43	7816	1.12	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	4518	1.09	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	4026m	1.02	ug/l	
77) Bromobenzene	11.26	156	4264	1.09	ug/l	94
78) n-propylbenzene	11.36	91	15386	0.96	ug/l	99
79) 2-Chlorotoluene	11.42	91	10001	1.04	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	11146	0.94	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	751	0.72	ug/l #	50
82) 4-Chlorotoluene	11.51	91	11304	1.00	ug/l	98
83) tert-Butylbenzene	11.77	119	10912	0.96	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	11864	0.98	ug/l	97
85) sec-Butylbenzene	11.95	105	13269	0.93	ug/l	100
86) p-Isopropyltoluene	12.07	119	11356	0.88	ug/l	89
87) 1,3-Dichlorobenzene	12.03	146	7443	1.04	ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	8232m	1.13	ug/l	
89) n-Butylbenzene	12.39	91	10571	0.93	ug/l	97
90) Hexachloroethane	12.60	117	1631	0.92	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	7677	1.06	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	992	1.14	ug/l	76
93) 1,2,4-Trichlorobenzene	13.65	180	5411	1.03	ug/l	96
94) Hexachlorobutadiene	13.79	225	2546	0.92	ug/l	94
95) Naphthalene	13.84	128	12673	0.90	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4990	0.95	ug/l	95

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

