

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071618\
 Data File : VX003390.D
 Acq On : 16 Jul 2018 10:53
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/17/2018 1:46:29 PM

Quant Time: Jul 16 12:46:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 12:43:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	420362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	398652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	227676	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	22525	6.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.02%	
35) Dibromofluoromethane	5.51	113	18919	6.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.22%	
50) Toluene-d8	8.72	98	64488	5.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.72%	
62) 4-Bromofluorobenzene	11.14	95	21033	4.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	16964	6.55	ug/l	97
3) Chloromethane	1.32	50	19813	5.97	ug/l	95
4) Vinyl Chloride	1.40	62	21451	5.72	ug/l	99
5) Bromomethane	1.64	94	11109	5.24	ug/l	96
6) Chloroethane	1.71	64	13815	5.70	ug/l	93
7) Trichlorofluoromethane	1.92	101	29454	5.45	ug/l	99
8) Diethyl Ether	2.19	74	12015	5.02	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	18431	5.31	ug/l	97
10) Methyl Iodide	2.51	142	14204	4.03	ug/l	94
11) Tert butyl alcohol	3.09	59	23584	28.00	ug/l	97
12) 1,1-Dichloroethene	2.37	96	17623	5.47	ug/l	88
13) Acrolein	2.29	56	12341	36.97	ug/l	98
14) Allyl chloride	2.73	41	32407	5.24	ug/l	87
15) Acrylonitrile	3.15	53	56346	26.80	ug/l	98
16) Acetone	2.45	43	44565	27.34	ug/l #	87
17) Carbon Disulfide	2.57	76	46778	5.91	ug/l	98
18) Methyl Acetate	2.78	43	24633	4.87	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	57744	5.01	ug/l	96
20) Methylene Chloride	2.86	84	21162	5.38	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	18607	5.41	ug/l	96
22) Diisopropyl ether	3.88	45	61891	5.38	ug/l	94
23) Vinyl Acetate	3.83	43	259801	27.62	ug/l #	95
24) 1,1-Dichloroethane	3.70	63	35419	5.43	ug/l	98
25) 2-Butanone	4.72	43	68369	27.06	ug/l	95
26) 2,2-Dichloropropane	4.58	77	25000	5.41	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	19968	5.28	ug/l	86
28) Bromochloromethane	5.02	49	14526	4.88	ug/l	90
29) Tetrahydrofuran	5.18	42	41713	25.84	ug/l	92
30) Chloroform	5.22	83	30987	4.95	ug/l	97
31) Cyclohexane	5.57	56	24736	4.95	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	25994	4.99	ug/l	99
36) 1,1-Dichloropropene	5.80	75	22272	4.99	ug/l	99
37) Ethyl Acetate	4.88	43	27269	5.57	ug/l	97
38) Carbon Tetrachloride	5.78	117	22562	4.96	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	24902	4.93	ug/l	98
40) Benzene	6.15	78	68465	4.90	ug/l	100
41) Methacrylonitrile	5.07	41	14007	5.00	ug/l	93
42) 1,2-Dichloroethane	6.20	62	24611	5.04	ug/l	97
43) Isopropyl Acetate	6.48	43	37806	4.93	ug/l	98
44) Trichloroethene	7.21	130	19850	5.01	ug/l	100
45) 1,2-Dichloropropane	7.52	63	17600	4.74	ug/l	99
46) Dibromomethane	7.67	93	11791	4.94	ug/l	98
47) Bromodichloromethane	7.90	83	20738	4.61	ug/l	96
48) Methyl methacrylate	7.79	41	18162	4.64	ug/l	87
49) 1,4-Dioxane	7.76	88	8741	102.33	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	124221	24.78	ug/l	95
52) Toluene	8.79	92	43170	4.87	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	23966	4.54	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	21839	4.53	ug/l #	88
55) 1,1,2-Trichloroethane	9.22	97	17868	4.83	ug/l	97
56) Ethyl methacrylate	9.19	69	23913	4.53	ug/l #	85
57) 1,3-Dichloropropane	9.38	76	28733	4.79	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	58643	22.84	ug/l	98
59) 2-Hexanone	9.50	43	93370	25.25	ug/l	93
60) Dibromochloromethane	9.59	129	16353	4.55	ug/l	99
61) 1,2-Dibromoethane	9.68	107	17862	4.79	ug/l	97
64) Tetrachloroethene	9.34	164	22217	5.15	ug/l	97
65) Chlorobenzene	10.14	112	49459	4.83	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	16829	4.65	ug/l	98
67) Ethyl Benzene	10.26	91	77381	4.65	ug/l	97
68) m/p-Xylenes	10.36	106	59477	9.27	ug/l	98
69) o-Xylene	10.70	106	27833	4.44	ug/l	99
70) Styrene	10.71	104	46604	4.42	ug/l	98
71) Bromoform	10.86	173	12275	4.43	ug/l #	97
73) Isopropylbenzene	11.02	105	76031	4.83	ug/l	100
74) N-amyl acetate	6.48	43	37806	5.18	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	26348	5.13	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	22399m	4.98	ug/l	
77) Bromobenzene	11.26	156	21832	4.91	ug/l	100
78) n-propylbenzene	11.37	91	83024	4.67	ug/l	99
79) 2-Chlorotoluene	11.43	91	52929	4.82	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	61028	4.68	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	5811	4.31	ug/l	96
82) 4-Chlorotoluene	11.51	91	60225	4.70	ug/l	99
83) tert-Butylbenzene	11.77	119	59195	4.58	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	62059	4.69	ug/l	98
85) sec-Butylbenzene	11.95	105	72113	4.67	ug/l	99
86) p-Isopropyltoluene	12.07	119	63567	4.60	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	39879	4.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	40932	4.85	ug/l	96
89) n-Butylbenzene	12.39	91	52418	4.44	ug/l	99
90) Hexachloroethane	12.60	117	9111	4.40	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	40479	4.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	5018	4.92	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	25916	4.56	ug/l	98
94) Hexachlorobutadiene	13.79	225	12717	4.74	ug/l	99
95) Naphthalene	13.84	128	71554	4.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	26891	4.69	ug/l	98

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

