

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004579.D
 Acq On : 15 Sep 2018 12:54
 Operator : JC/MD
 Sample : VX0915WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 6:27:24 PM

Quant Time: Sep 17 07:26:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	291270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353100	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237752	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	172883	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
35) Dibromofluoromethane	5.50	113	150221	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
50) Toluene-d8	8.71	98	512384	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
62) 4-Bromofluorobenzene	11.14	95	186751	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52991	19.41	ug/l	96
3) Chloromethane	1.32	50	65601	17.46	ug/l	98
4) Vinyl Chloride	1.40	62	68180	17.68	ug/l	98
5) Bromomethane	1.64	94	33882	20.28	ug/l	95
6) Chloroethane	1.72	64	45288	18.16	ug/l	99
7) Trichlorofluoromethane	1.93	101	95553	18.69	ug/l	99
8) Diethyl Ether	2.18	74	40348	17.61	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	60996	18.81	ug/l	98
10) Methyl Iodide	2.51	142	45603	15.02	ug/l	98
11) Tert butyl alcohol	3.06	59	75530	84.28	ug/l	100
12) 1,1-Dichloroethene	2.37	96	55198	18.14	ug/l	91
13) Acrolein	2.29	56	53653	151.67	ug/l	97
14) Allyl chloride	2.73	41	110524	17.66	ug/l	97
15) Acrylonitrile	3.15	53	189486	87.80	ug/l	99
16) Acetone	2.44	43	158450	86.44	ug/l	98
17) Carbon Disulfide	2.57	76	151864	17.26	ug/l	97
18) Methyl Acetate	2.78	43	87933	17.10	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	194312	18.20	ug/l	95
20) Methylene Chloride	2.85	84	66014	17.56	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	60379	17.95	ug/l	98
22) Diisopropyl ether	3.87	45	203924	18.10	ug/l	97
23) Vinyl Acetate	3.82	43	836638	91.74	ug/l	98
24) 1,1-Dichloroethane	3.69	63	114203	17.95	ug/l	98
25) 2-Butanone	4.70	43	236874	81.20	ug/l	97
26) 2,2-Dichloropropane	4.57	77	87839	20.10	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	71175	18.96	ug/l	99
28) Bromochloromethane	5.02	49	54389	18.69	ug/l	99
29) Tetrahydrofuran	5.15	42	151087	85.88	ug/l	97
30) Chloroform	5.21	83	110164	17.74	ug/l	95
31) Cyclohexane	5.57	56	107404	19.77	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	92767	18.54	ug/l	99
36) 1,1-Dichloropropene	5.80	75	85699	19.99	ug/l	97
37) Ethyl Acetate	4.85	43	88942	18.24	ug/l	99
38) Carbon Tetrachloride	5.78	117	81465	19.46	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94799	21.19	ug/l	95
40) Benzene	6.13	78	263510	20.72	ug/l	96
41) Methacrylonitrile	5.05	41	49981	18.61	ug/l	99
42) 1,2-Dichloroethane	6.20	62	87438	20.73	ug/l	99
43) Isopropyl Acetate	6.46	43	134492	20.77	ug/l	98
44) Trichloroethene	7.21	130	65191	19.73	ug/l	99
45) 1,2-Dichloropropane	7.51	63	60401	19.74	ug/l	99
46) Dibromomethane	7.66	93	37487	19.39	ug/l	99
47) Bromodichloromethane	7.90	83	73611	20.13	ug/l	89
48) Methyl methacrylate	7.77	41	60468	18.87	ug/l	98
49) 1,4-Dioxane	7.76	88	29573	389.88	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	392950	85.99	ug/l	98
52) Toluene	8.79	92	145128	19.37	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	78807	18.45	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	88888	20.41	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	58707	18.19	ug/l	98
56) Ethyl methacrylate	9.18	69	83381	18.27	ug/l	98
57) 1,3-Dichloropropane	9.37	76	96529	18.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	214078	96.64	ug/l	95
59) 2-Hexanone	9.49	43	300899	85.84	ug/l	98
60) Dibromochloromethane	9.59	129	56709	18.67	ug/l	100
61) 1,2-Dibromoethane	9.67	107	59348	19.25	ug/l	100
64) Tetrachloroethene	9.34	164	73109	17.62	ug/l	98
65) Chlorobenzene	10.14	112	163404	19.79	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	56238	19.75	ug/l	99
67) Ethyl Benzene	10.25	91	273911	20.40	ug/l	97
68) m/p-Xylenes	10.36	106	214939	41.57	ug/l	99
69) o-Xylene	10.70	106	101252	20.37	ug/l	96
70) Styrene	10.71	104	169410	20.57	ug/l	98
71) Bromoform	10.86	173	43297	18.52	ug/l #	99
73) Isopropylbenzene	11.02	105	279721	17.86	ug/l	100
74) N-amyl acetate	10.90	43	105985	16.08	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	82339	16.30	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	77986m	16.30	ug/l	
77) Bromobenzene	11.26	156	73830	17.06	ug/l	98
78) n-propylbenzene	11.36	91	321779	17.87	ug/l	100
79) 2-Chlorotoluene	11.42	91	189648	17.37	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	237477	18.04	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	24395	16.26	ug/l	97
82) 4-Chlorotoluene	11.51	91	223993	17.58	ug/l	96
83) tert-Butylbenzene	11.77	119	275522	21.99	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	293070	21.81	ug/l	97
85) sec-Butylbenzene	11.94	105	326971	20.47	ug/l	100
86) p-Isopropyltoluene	12.07	119	309139	21.92	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	161996	20.06	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	163599	19.61	ug/l	99
89) n-Butylbenzene	12.39	91	228862	17.81	ug/l	98
90) Hexachloroethane	12.60	117	41521	18.39	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	144752	17.71	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19392	17.98	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	125226	21.64	ug/l	99
94) Hexachlorobutadiene	13.79	225	63830	21.12	ug/l	98
95) Naphthalene	13.83	128	344799	21.24	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	117415	19.75	ug/l	97

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

