

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004304.D
 Acq On : 29 Aug 2018 21:11
 Operator : JC/MD
 Sample : VX0829WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 1:38:41 PM

Quant Time: Aug 30 06:43:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	299274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	434610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	239750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	193967	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
35) Dibromofluoromethane	5.50	113	167114	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	8.71	98	619792	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.14	95	227100	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	68592	19.79	ug/l	99
3) Chloromethane	1.32	50	74505	19.62	ug/l	98
4) Vinyl Chloride	1.40	62	79778	20.34	ug/l	98
5) Bromomethane	1.64	94	41036	20.01	ug/l	99
6) Chloroethane	1.72	64	52874	18.28	ug/l	100
7) Trichlorofluoromethane	1.92	101	107858	20.07	ug/l	96
8) Diethyl Ether	2.18	74	47499	20.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	66174	19.66	ug/l	100
10) Methyl Iodide	2.51	142	63949	19.67	ug/l	98
11) Tert butyl alcohol	3.07	59	94268	113.37	ug/l	100
12) 1,1-Dichloroethene	2.37	96	62417	19.69	ug/l	99
13) Acrolein	2.29	56	18220	90.89	ug/l	98
14) Allyl chloride	2.73	41	115766	19.87	ug/l	98
15) Acrylonitrile	3.15	53	213776	103.82	ug/l	100
16) Acetone	2.45	43	179501	108.15	ug/l	98
17) Carbon Disulfide	2.56	76	157771	18.43	ug/l	99
18) Methyl Acetate	2.78	43	146055	25.23	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	215356	20.61	ug/l	99
20) Methylene Chloride	2.86	84	74917	19.95	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	67585	19.26	ug/l	97
22) Diisopropyl ether	3.87	45	219042	20.14	ug/l	97
23) Vinyl Acetate	3.82	43	843742	95.72	ug/l	99
24) 1,1-Dichloroethane	3.69	63	132097	20.84	ug/l	99
25) 2-Butanone	4.71	43	276837	104.26	ug/l	99
26) 2,2-Dichloropropane	4.58	77	71265	14.34	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	78200	19.65	ug/l	96
28) Bromochloromethane	5.01	49	58960	21.01	ug/l	98
29) Tetrahydrofuran	5.16	42	176746	105.46	ug/l	100
30) Chloroform	5.21	83	130673	20.56	ug/l	97
31) Cyclohexane	5.57	56	103639	18.95	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	106810	20.16	ug/l	99
36) 1,1-Dichloropropene	5.80	75	93337	19.10	ug/l	98
37) Ethyl Acetate	4.86	43	98932	20.59	ug/l	99
38) Carbon Tetrachloride	5.78	117	92312	20.08	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	98946	17.74	ug/l	99
40) Benzene	6.14	78	295596	20.25	ug/l	99
41) Methacrylonitrile	5.06	41	56405	20.25	ug/l	98
42) 1,2-Dichloroethane	6.20	62	101940	20.47	ug/l	100
43) Isopropyl Acetate	6.47	43	147953	20.04	ug/l	99
44) Trichloroethene	7.21	130	78259	19.36	ug/l	99
45) 1,2-Dichloropropane	7.52	63	76397	20.91	ug/l	99
46) Dibromomethane	7.67	93	49141	20.20	ug/l	99
47) Bromodichloromethane	7.90	83	92975	20.54	ug/l	100
48) Methyl methacrylate	7.78	41	79493	20.12	ug/l	99
49) 1,4-Dioxane	7.76	88	37214	414.85	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	537158	100.12	ug/l	100
52) Toluene	8.79	92	186003	20.35	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	93328	18.66	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	105985	19.46	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	77376	20.97	ug/l	97
56) Ethyl methacrylate	9.18	69	100003	19.91	ug/l	99
57) 1,3-Dichloropropane	9.37	76	127902	20.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	277474	107.83	ug/l	99
59) 2-Hexanone	9.50	43	408784	99.88	ug/l	99
60) Dibromochloromethane	9.59	129	73168	20.36	ug/l	98
61) 1,2-Dibromoethane	9.67	107	76075	19.93	ug/l	99
64) Tetrachloroethene	9.34	164	81512	20.31	ug/l	99
65) Chlorobenzene	10.14	112	198143	19.43	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	70552	20.06	ug/l	97
67) Ethyl Benzene	10.26	91	315912	19.08	ug/l	99
68) m/p-Xylenes	10.36	106	267362	41.29	ug/l	99
69) o-Xylene	10.70	106	127249	20.77	ug/l	99
70) Styrene	10.71	104	211269	21.30	ug/l	99
71) Bromoform	10.86	173	54915	19.37	ug/l #	98
73) Isopropylbenzene	11.02	105	345267	21.93	ug/l	100
74) N-amyl acetate	10.90	43	122767	20.25	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	118387	21.48	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	104742m	21.48	ug/l	
77) Bromobenzene	11.26	156	94314	21.35	ug/l	99
78) n-propylbenzene	11.36	91	389937	21.53	ug/l	100
79) 2-Chlorotoluene	11.42	91	237134	21.27	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	285925	21.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27189	18.09	ug/l	95
82) 4-Chlorotoluene	11.51	91	272044	20.74	ug/l	98
83) tert-Butylbenzene	11.77	119	278171	21.20	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	294754	22.02	ug/l	99
85) sec-Butylbenzene	11.95	105	329118	21.13	ug/l	100
86) p-Isopropyltoluene	12.07	119	286836	20.55	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	170110	20.45	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	171095	19.51	ug/l	99
89) n-Butylbenzene	12.39	91	218664	19.26	ug/l	100
90) Hexachloroethane	12.60	117	40878	20.95	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	157363	20.70	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19639	20.23	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106644	19.28	ug/l	97
94) Hexachlorobutadiene	13.79	225	52232	20.22	ug/l	97
95) Naphthalene	13.83	128	347018	22.19	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	123203	21.04	ug/l	98

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

