

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004305.D
 Acq On : 29 Aug 2018 21:37
 Operator : JC/MD
 Sample : VX0829WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Aug 30 06:45:59 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	212062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	329247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182146	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160583	58.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.20%	
35) Dibromofluoromethane	5.50	113	136667	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
50) Toluene-d8	8.71	98	492320	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	11.14	95	183198	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	42923	17.48	ug/l	97
3) Chloromethane	1.32	50	59213	21.98	ug/l	99
4) Vinyl Chloride	1.40	62	57623	20.74	ug/l	100
5) Bromomethane	1.64	94	32261	22.44	ug/l	99
6) Chloroethane	1.71	64	40902	19.94	ug/l	97
7) Trichlorofluoromethane	1.92	101	72309	18.99	ug/l	97
8) Diethyl Ether	2.19	74	39550	24.26	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	41749	17.51	ug/l	100
10) Methyl Iodide	2.51	142	53038	22.29	ug/l	98
11) Tert butyl alcohol	3.07	59	86014	145.99	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44594	19.85	ug/l	97
13) Acrolein	2.29	56	16011	112.72	ug/l	94
14) Allyl chloride	2.72	41	93149	22.57	ug/l	96
15) Acrylonitrile	3.15	53	192307	131.80	ug/l	99
16) Acetone	2.45	43	163299	141.22	ug/l	100
17) Carbon Disulfide	2.56	76	114088	18.79	ug/l	100
18) Methyl Acetate	2.78	43	134363	32.76	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	180046	24.32	ug/l	98
20) Methylene Chloride	2.85	84	62436	23.47	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	52514	21.12	ug/l	97
22) Diisopropyl ether	3.87	45	177958	23.09	ug/l	98
23) Vinyl Acetate	3.82	43	733073	117.36	ug/l	100
24) 1,1-Dichloroethane	3.70	63	105244	23.43	ug/l	98
25) 2-Butanone	4.71	43	250806	134.10	ug/l	100
26) 2,2-Dichloropropane	4.58	77	52783	14.98	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	63009	22.34	ug/l	96
28) Bromochloromethane	5.02	49	50416	25.36	ug/l	100
29) Tetrahydrofuran	5.16	42	158042	133.09	ug/l	99
30) Chloroform	5.21	83	104852	23.28	ug/l	98
31) Cyclohexane	5.57	56	64860	16.74	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	79080	21.06	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67884	18.34	ug/l	98
37) Ethyl Acetate	4.86	43	88549	24.32	ug/l	99
38) Carbon Tetrachloride	5.78	117	66019	18.96	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58289	13.79	ug/l	96
40) Benzene	6.14	78	236297	21.36	ug/l	99
41) Methacrylonitrile	5.06	41	49990	23.69	ug/l	97
42) 1,2-Dichloroethane	6.20	62	83691	22.18	ug/l	100
43) Isopropyl Acetate	6.47	43	129379	23.13	ug/l	99
44) Trichloroethene	7.21	130	60396	19.73	ug/l	93
45) 1,2-Dichloropropane	7.52	63	61980	22.39	ug/l	97
46) Dibromomethane	7.67	93	41571	22.55	ug/l	98
47) Bromodichloromethane	7.90	83	75621	22.05	ug/l	98
48) Methyl methacrylate	7.78	41	68057	22.74	ug/l	99
49) 1,4-Dioxane	7.76	88	34007	500.42	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	479161	117.89	ug/l	99
52) Toluene	8.79	92	147739	21.34	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	77020	20.33	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	84747	20.54	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	64354	23.03	ug/l	99
56) Ethyl methacrylate	9.18	69	82874	21.78	ug/l	99
57) 1,3-Dichloropropane	9.37	76	106271	22.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	225383	115.61	ug/l	99
59) 2-Hexanone	9.50	43	364867	117.67	ug/l	99
60) Dibromochloromethane	9.59	129	59369	21.80	ug/l	99
61) 1,2-Dibromoethane	9.68	107	63594	21.99	ug/l	97
64) Tetrachloroethene	9.34	164	60567	19.63	ug/l	99
65) Chlorobenzene	10.14	112	163273	20.82	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	56110	20.75	ug/l	98
67) Ethyl Benzene	10.26	91	240943	18.92	ug/l	98
68) m/p-Xylenes	10.36	106	201646	40.50	ug/l	99
69) o-Xylene	10.70	106	96818	20.56	ug/l	97
70) Styrene	10.71	104	166791	21.87	ug/l	99
71) Bromoform	10.86	173	46107	21.15	ug/l #	99
73) Isopropylbenzene	11.02	105	251433	21.02	ug/l	99
74) N-amyl acetate	10.90	43	103300	22.43	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	100864	24.09	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	91030m	24.57	ug/l	
77) Bromobenzene	11.26	156	75257	22.43	ug/l	98
78) n-propylbenzene	11.36	91	280998	20.42	ug/l	99
79) 2-Chlorotoluene	11.42	91	186216	21.99	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	214471	21.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22894	20.05	ug/l	93
82) 4-Chlorotoluene	11.51	91	216379	21.71	ug/l	98
83) tert-Butylbenzene	11.77	119	200260	20.09	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	221670	21.80	ug/l	100
85) sec-Butylbenzene	11.94	105	227675	19.24	ug/l	100
86) p-Isopropyltoluene	12.07	119	198257	18.69	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	130765	20.70	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	128963	19.36	ug/l	98
89) n-Butylbenzene	12.39	91	143244	16.61	ug/l	99
90) Hexachloroethane	12.60	117	28749	19.39	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	124967	21.64	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17528	23.77	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	74039	17.62	ug/l	98
94) Hexachlorobutadiene	13.79	225	27514	13.98	ug/l	95
95) Naphthalene	13.83	128	240606	20.25	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	79743	17.93	ug/l	100

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

