

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002955.D
 Acq On : 28 Jun 2018 00:27
 Operator : JC/MD
 Sample : VX0627WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:47:58 PM

Quant Time: Jun 28 06:43:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215349	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	184482	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	5.51	113	147090	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	8.72	98	536561	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.14	95	200528	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62566	26.43	ug/l	100
3) Chloromethane	1.32	50	61506	24.55	ug/l	99
4) Vinyl Chloride	1.40	62	66256	22.22	ug/l	98
5) Bromomethane	1.64	94	31698	21.20	ug/l	98
6) Chloroethane	1.72	64	40613	22.03	ug/l	98
7) Trichlorofluoromethane	1.93	101	104244	20.72	ug/l	99
8) Diethyl Ether	2.19	74	37524	20.52	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59024	20.25	ug/l	99
10) Methyl Iodide	2.51	142	58783	23.64	ug/l	99
11) Tert butyl alcohol	3.07	59	77050	106.12	ug/l	100
12) 1,1-Dichloroethene	2.37	96	54210	20.85	ug/l	96
13) Acrolein	2.29	56	45768	116.01	ug/l	99
14) Allyl chloride	2.73	41	103037	20.10	ug/l	97
15) Acrylonitrile	3.15	53	162097	104.52	ug/l	99
16) Acetone	2.45	43	150734	99.87	ug/l	97
17) Carbon Disulfide	2.57	76	145666	21.02	ug/l	99
18) Methyl Acetate	2.78	43	76854	18.21	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	189388	20.26	ug/l	99
20) Methylene Chloride	2.86	84	61496	20.94	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	57578	20.33	ug/l	94
22) Diisopropyl ether	3.87	45	202135	20.63	ug/l	94
23) Vinyl Acetate	3.83	43	874004	105.34	ug/l	100
24) 1,1-Dichloroethane	3.70	63	109389	20.54	ug/l	99
25) 2-Butanone	4.71	43	233291	104.15	ug/l	99
26) 2,2-Dichloropropane	4.59	77	65723	15.18	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	64157	20.20	ug/l	97
28) Bromochloromethane	5.03	49	51476	20.19	ug/l	96
29) Tetrahydrofuran	5.17	42	150338	104.66	ug/l	98
30) Chloroform	5.22	83	112043	20.50	ug/l	99
31) Cyclohexane	5.57	56	95152	20.82	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	98484	20.48	ug/l	99
36) 1,1-Dichloropropene	5.81	75	80954	20.16	ug/l	98
37) Ethyl Acetate	4.87	43	91003	21.05	ug/l	98
38) Carbon Tetrachloride	5.79	117	88028	19.98	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	93080	19.90	ug/l	100
40) Benzene	6.15	78	241256	20.68	ug/l	99
41) Methacrylonitrile	5.07	41	50439	20.26	ug/l	98
42) 1,2-Dichloroethane	6.20	62	94860	20.13	ug/l	99
43) Isopropyl Acetate	6.47	43	143140	19.74	ug/l	99
44) Trichloroethene	7.22	130	70331	20.22	ug/l	98
45) 1,2-Dichloropropane	7.52	63	63310	20.46	ug/l	99
46) Dibromomethane	7.67	93	43388	20.20	ug/l	97
47) Bromodichloromethane	7.90	83	78246	19.71	ug/l	98
48) Methyl methacrylate	7.78	41	74359	19.90	ug/l	98
49) 1,4-Dioxane	7.76	88	29898	411.34	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	469232	103.44	ug/l	99
52) Toluene	8.79	92	156477	20.94	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	87684	19.50	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	79983	18.49	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	61800	20.12	ug/l	98
56) Ethyl methacrylate	9.18	69	90864	20.24	ug/l	97
57) 1,3-Dichloropropane	9.38	76	102918	20.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	222685	102.84	ug/l	98
59) 2-Hexanone	9.50	43	356811	103.49	ug/l	98
60) Dibromochloromethane	9.59	129	61963	19.17	ug/l	99
61) 1,2-Dibromoethane	9.68	107	65795	20.42	ug/l	99
64) Tetrachloroethene	9.34	164	78715	20.22	ug/l	98
65) Chlorobenzene	10.14	112	177914	20.01	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	63695	19.72	ug/l	100
67) Ethyl Benzene	10.26	91	299274	20.37	ug/l	99
68) m/p-Xylenes	10.36	106	230847	40.78	ug/l	100
69) o-Xylene	10.70	106	112015	20.32	ug/l	100
70) Styrene	10.71	104	186648	20.84	ug/l	99
71) Bromoform	10.86	173	47949	19.05	ug/l #	99
73) Isopropylbenzene	11.02	105	304944	21.05	ug/l	100
74) N-amyl acetate	6.47	43	143140	20.19	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	92536	20.74	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	81485m	20.89	ug/l	
77) Bromobenzene	11.26	156	85032	20.61	ug/l	97
78) n-propylbenzene	11.37	91	344304	20.88	ug/l	99
79) 2-Chlorotoluene	11.43	91	206908	20.72	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	258336	21.17	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21096	18.00	ug/l	94
82) 4-Chlorotoluene	11.51	91	243129	20.57	ug/l	100
83) tert-Butylbenzene	11.77	119	250184	20.80	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	265001	20.96	ug/l	99
85) sec-Butylbenzene	11.95	105	304727	20.89	ug/l	99
86) p-Isopropyltoluene	12.07	119	272399	20.77	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	154697	20.53	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	155927	20.11	ug/l	100
89) n-Butylbenzene	12.39	91	224904	19.70	ug/l	99
90) Hexachloroethane	12.60	117	38699	19.84	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	154898	20.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19052	18.99	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108608	19.62	ug/l	99
94) Hexachlorobutadiene	13.79	225	54439	19.72	ug/l	99
95) Naphthalene	13.84	128	306133	20.77	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112742	20.39	ug/l	99

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

