

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072518\
 Data File : VX003662.D
 Acq On : 25 Jul 2018 17:16
 Operator : JC/SP
 Sample : VX0725WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:29:52 PM

Quant Time: Jul 27 04:24:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	128114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	168854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	180849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108116	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	89861	47.35	ug/l	0.00
Spiked Amount						
			Recovery	=	94.70%	
35) Dibromofluoromethane	5.51	113	73098	52.96	ug/l	0.00
Spiked Amount						
			Recovery	=	105.92%	
50) Toluene-d8	8.72	98	244892	46.49	ug/l	0.00
Spiked Amount						
			Recovery	=	92.98%	
62) 4-Bromofluorobenzene	11.14	95	91895	47.83	ug/l	0.00
Spiked Amount						
			Recovery	=	95.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	24305	16.66	ug/l	100
3) Chloromethane	1.32	50	35541	18.49	ug/l	100
4) Vinyl Chloride	1.40	62	38980	19.83	ug/l	99
5) Bromomethane	1.64	94	23634	24.90	ug/l	95
6) Chloroethane	1.72	64	25872	18.82	ug/l	97
7) Trichlorofluoromethane	1.93	101	50305	19.88	ug/l	96
8) Diethyl Ether	2.19	74	22673	20.45	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31399	20.16	ug/l	98
10) Methyl Iodide	2.51	142	41598	21.73	ug/l	98
11) Tert butyl alcohol	3.07	59	47558	104.84	ug/l	100
12) 1,1-Dichloroethene	2.37	96	29849	20.14	ug/l	92
13) Acrolein	2.29	56	19508	87.71	ug/l	96
14) Allyl chloride	2.73	41	60859	19.70	ug/l	98
15) Acrylonitrile	3.15	53	109582	99.98	ug/l	99
16) Acetone	2.45	43	83800	93.99	ug/l	99
17) Carbon Disulfide	2.57	76	78377	18.39	ug/l	100
18) Methyl Acetate	2.78	43	53569	19.89	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	110976	21.20	ug/l	100
20) Methylene Chloride	2.86	84	35257	19.96	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	32780	20.57	ug/l	90
22) Diisopropyl ether	3.87	45	116900	20.73	ug/l	# 86
23) Vinyl Acetate	3.83	43	499051	103.29	ug/l	99
24) 1,1-Dichloroethane	3.70	63	63454	19.96	ug/l	100
25) 2-Butanone	4.71	43	136114	98.83	ug/l	99
26) 2,2-Dichloropropane	4.59	77	43617	21.70	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	34918	20.18	ug/l	94
28) Bromochloromethane	5.02	49	23099	18.11	ug/l	97
29) Tetrahydrofuran	5.17	42	85856	95.76	ug/l	97
30) Chloroform	5.22	83	55559	19.27	ug/l	98
31) Cyclohexane	5.57	56	47229	18.51	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	44611	18.63	ug/l	98
36) 1,1-Dichloropropene	5.81	75	40350	20.44	ug/l	100
37) Ethyl Acetate	4.87	43	49583	20.89	ug/l	99
38) Carbon Tetrachloride	5.78	117	38940	20.47	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	40621	18.70	ug/l	98
40) Benzene	6.15	78	121120	20.74	ug/l	99
41) Methacrylonitrile	5.07	41	27466	20.90	ug/l	98
42) 1,2-Dichloroethane	6.20	62	42386	20.62	ug/l	99
43) Isopropyl Acetate	6.47	43	70112	20.25	ug/l	100
44) Trichloroethene	7.22	130	28430	18.15	ug/l	99
45) 1,2-Dichloropropane	7.52	63	27704	18.35	ug/l	99
46) Dibromomethane	7.66	93	17714	18.26	ug/l	100
47) Bromodichloromethane	7.90	83	32361	17.80	ug/l	97
48) Methyl methacrylate	7.78	41	34857	19.84	ug/l	97
49) 1,4-Dioxane	7.76	88	16492	420.75	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	214721	91.92	ug/l	98
52) Toluene	8.79	92	66565	18.33	ug/l	99
53) t-1,3-Dichloropropene	9.05	75	38484	19.11	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	40638	18.34	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	28915	19.48	ug/l	99
56) Ethyl methacrylate	9.19	69	45833	20.75	ug/l	97
57) 1,3-Dichloropropane	9.38	76	46097	18.50	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	107709	97.06	ug/l	100
59) 2-Hexanone	9.50	43	185706	103.63	ug/l	99
60) Dibromochloromethane	9.59	129	27315	19.41	ug/l	99
61) 1,2-Dibromoethane	9.68	107	28677	18.56	ug/l	99
64) Tetrachloroethene	9.34	164	26217	15.86	ug/l	96
65) Chlorobenzene	10.14	112	87413	19.21	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	29310	18.52	ug/l	99
67) Ethyl Benzene	10.26	91	145031	19.04	ug/l	99
68) m/p-Xylenes	10.36	106	107995	36.95	ug/l	98
69) o-Xylene	10.70	106	52806	18.77	ug/l	99
70) Styrene	10.71	104	88939	18.82	ug/l	99
71) Bromoform	10.86	173	21509	17.19	ug/l #	98
73) Isopropylbenzene	11.02	105	129838	17.58	ug/l	99
74) N-amyl acetate	6.47	43	70112	18.20	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	45815	16.80	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	46649m	20.57	ug/l	
77) Bromobenzene	11.26	156	33127	16.51	ug/l	98
78) n-propylbenzene	11.36	91	181245	21.25	ug/l	100
79) 2-Chlorotoluene	11.42	91	108030	20.84	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	131690	21.07	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	12104	16.54	ug/l	87
82) 4-Chlorotoluene	11.51	91	126874	20.78	ug/l	100
83) tert-Butylbenzene	11.77	119	126381	20.67	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	134322	20.91	ug/l	99
85) sec-Butylbenzene	11.95	105	149939	20.54	ug/l	100
86) p-Isopropyltoluene	12.07	119	132807	20.27	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	73900	19.78	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74199	19.10	ug/l	99
89) n-Butylbenzene	12.39	91	112254	19.01	ug/l	99
90) Hexachloroethane	12.60	117	18215	18.36	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	72068	18.88	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9540	16.80	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	50731	18.62	ug/l	100
94) Hexachlorobutadiene	13.79	225	22472	17.83	ug/l	100
95) Naphthalene	13.83	128	150575	18.28	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	47292	17.09	ug/l	99

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

