

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003788.D
 Acq On : 01 Aug 2018 08:55
 Operator : JC/SP
 Sample : J4164-03MS
 Misc : 10.42G/5.0mL/MSVOA X/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MS

Manual Integrations
 APPROVED

apatel
 8/1/2018 6:54:58 PM

Quant Time: Aug 01 11:43:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	70891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	92635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	71820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	25653	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	42064	58.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.34%	
35) Dibromofluoromethane	5.50	113	37148	68.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.20%	
50) Toluene-d8	8.72	98	118825	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.14	95	31320	37.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.70%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	33208	55.50	ug/l	96
3) Chloromethane	1.32	50	45571	60.59	ug/l	99
4) Vinyl Chloride	1.40	62	43827	54.17	ug/l #	83
5) Bromomethane	1.64	94	23116	52.49	ug/l	96
6) Chloroethane	1.72	64	29247	54.67	ug/l	92
7) Trichlorofluoromethane	1.93	101	59916	56.48	ug/l	98
8) Diethyl Ether	2.19	74	27489	68.56	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38668	57.46	ug/l	98
10) Methyl Iodide	2.51	142	19886	25.70	ug/l	100
11) Tert butyl alcohol	3.07	59	28171	242.65	ug/l	99
12) 1,1-Dichloroethene	2.37	96	33451	52.79	ug/l	90
13) Acrolein	2.29	56	117	3.08	ug/l #	11
14) Allyl chloride	2.72	41	44854	39.93	ug/l	98
15) Acrylonitrile	3.15	53	67515	228.67	ug/l	97
16) Acetone	2.45	43	98559	359.88	ug/l	99
17) Carbon Disulfide	2.57	76	76599	37.15	ug/l	99
18) Methyl Acetate	2.78	43	72282	93.92	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	125221	72.60	ug/l	99
20) Methylene Chloride	2.85	84	42271	59.20	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	29891	43.05	ug/l	97
22) Diisopropyl ether	3.86	45	140574	69.33	ug/l	94
23) Vinyl Acetate	3.82	43	65046	44.48	ug/l	98
24) 1,1-Dichloroethane	3.70	63	76753	64.91	ug/l	95
25) 2-Butanone	4.69	43	105996	265.50	ug/l	100
26) 2,2-Dichloropropane	4.58	77	39764	42.70	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	37771	50.48	ug/l	98
28) Bromochloromethane	5.02	49	31826	60.00	ug/l	93
29) Tetrahydrofuran	5.15	42	66519	261.45	ug/l	97
30) Chloroform	5.21	83	72469	62.19	ug/l	96
31) Cyclohexane	5.57	56	55575	48.65	ug/l #	89
32) 1,1,1-Trichloroethane	5.50	97	59331	59.24	ug/l	97
36) 1,1-Dichloropropene	5.81	75	43551	50.20	ug/l	99
37) Ethyl Acetate	4.85	43	35324	53.01	ug/l	99
38) Carbon Tetrachloride	5.78	117	39818	49.62	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	42467	39.87	ug/l	93
40) Benzene	6.15	78	151387	60.89	ug/l	99
41) Methacrylonitrile	5.06	41	23158	61.65	ug/l	99
42) 1,2-Dichloroethane	6.20	62	50608	67.40	ug/l	96
43) Isopropyl Acetate	6.46	43	60925	57.38	ug/l	97
44) Trichloroethene	7.22	130	31872	44.94	ug/l	92
45) 1,2-Dichloropropane	7.52	63	40358	66.01	ug/l	95
46) Dibromomethane	7.67	93	18321	52.00	ug/l	93
47) Bromodichloromethane	7.90	83	40901	58.26	ug/l	99
48) Methyl methacrylate	7.77	41	31870	59.84	ug/l	94
49) 1,4-Dioxane	7.75	88	10335	961.45	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	177765	272.43	ug/l	97
52) Toluene	8.79	92	79347	51.17	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	27882	34.77	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	32315	36.15	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	32974	61.78	ug/l	96
56) Ethyl methacrylate	9.18	69	41476	56.58	ug/l	93
57) 1,3-Dichloropropane	9.37	76	54002	60.28	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	93395	239.45	ug/l	97
59) 2-Hexanone	9.50	43	116010	233.37	ug/l	98
60) Dibromochloromethane	9.59	129	28997	53.95	ug/l	100
61) 1,2-Dibromoethane	9.68	107	26546	48.72	ug/l	100
64) Tetrachloroethene	9.34	164	37069	65.66	ug/l	98
65) Chlorobenzene	10.14	112	74881	49.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	36089	73.74	ug/l	99
67) Ethyl Benzene	10.26	91	153425	60.54	ug/l	100
68) m/p-Xylenes	10.36	106	115676	116.69	ug/l	98
69) o-Xylene	10.70	106	54801	59.53	ug/l	97
70) Styrene	10.71	104	54863	35.43	ug/l	92
71) Bromoform	10.86	173	18708	55.59	ug/l #	99
73) Isopropylbenzene	11.02	105	132584	82.56	ug/l	99
74) N-amyl acetate	6.46	43	60925	107.03	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	40911	97.99	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	34796m	98.41	ug/l	
77) Bromobenzene	11.26	156	28706	68.56	ug/l	95
78) n-propylbenzene	11.36	91	131029	67.35	ug/l	99
79) 2-Chlorotoluene	11.42	91	81680	73.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	100377	73.23	ug/l #	69
81) trans-1,4-Dichloro-2-buten	11.08	75	4228	35.42	ug/l	88
82) 4-Chlorotoluene	11.51	91	82807	61.81	ug/l	98
83) tert-Butylbenzene	11.77	119	94232	69.50	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	103180	73.13	ug/l	97
85) sec-Butylbenzene	11.95	105	102684	59.20	ug/l	98
86) p-Isopropyltoluene	12.07	119	91284	57.90	ug/l #	71
87) 1,3-Dichlorobenzene	12.03	146	41870	49.44	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	40389	46.74	ug/l	99
89) n-Butylbenzene	12.39	91	67721	45.13	ug/l	98
90) Hexachloroethane	12.60	117	8987	38.39	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	49320	62.53	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	6882	83.07	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	20351	32.53	ug/l	97
94) Hexachlorobutadiene	13.79	225	8936	22.33	ug/l	98
95) Naphthalene	13.83	128	84772	63.40	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	18550	32.66	ug/l	94

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

