

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005283.D
 Acq On : 11 Sep 2018 18:26
 Operator : SY/AP
 Sample : J4821-03MSD
 Misc : 12.65G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

Manual Integrations
 APPROVED

apatel
 9/12/2018 11:13:34 AM

Quant Time: Sep 12 01:28:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	415466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	620114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	605931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	317417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	191184	61.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.40%	
35) Dibromofluoromethane	7.89	113	178680	55.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.02%	
50) Toluene-d8	10.33	98	899721	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
62) 4-Bromofluorobenzene	12.63	95	337758	56.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	185276	51.70	ug/l	98
3) Chloromethane	2.21	50	283673	59.20	ug/l	100
4) Vinyl Chloride	2.35	62	271425	61.70	ug/l	98
5) Bromomethane	2.76	94	189274	72.27	ug/l	96
6) Chloroethane	2.91	64	161470	66.64	ug/l	100
7) Trichlorofluoromethane	3.26	101	284217	57.12	ug/l	97
8) Diethyl Ether	3.68	74	121266	68.38	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	196207	55.20	ug/l	98
10) Methyl Iodide	4.28	142	210145	47.73	ug/l	100
11) Tert butyl alcohol	5.17	59	107394	422.60	ug/l	99
12) 1,1-Dichloroethene	4.04	96	183475	56.06	ug/l	95
13) Acrolein	3.90	56	76197	310.40	ug/l	100
14) Allyl chloride	4.67	41	306019	60.86	ug/l	97
15) Acrylonitrile	5.37	53	340672	425.80	ug/l	99
16) Acetone	4.12	43	290219	504.56	ug/l	99
17) Carbon Disulfide	4.38	76	679782	59.18	ug/l	100
18) Methyl Acetate	4.68	43	152400	88.76	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	572670	73.47	ug/l	99
20) Methylene Chloride	4.92	84	289828	69.06	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	212543	55.62	ug/l	96
22) Diisopropyl ether	6.32	45	702176	69.36	ug/l	97
23) Vinyl Acetate	6.26	43	2004393	355.27	ug/l	100
24) 1,1-Dichloroethane	6.23	63	372499	59.77	ug/l	98
25) 2-Butanone	7.18	43	406445	447.98	ug/l	96
26) 1,2-Dichloropropane	7.18	77	300781	55.67	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	240131	58.72	ug/l	97
28) Bromochloromethane	7.52	49	139601	60.72	ug/l	# 94
29) Tetrahydrofuran	7.54	42	268976	439.93	ug/l	99
30) Chloroform	7.68	83	386476	61.80	ug/l	99
31) Cyclohexane	7.96	56	395363	59.62	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	329910	58.39	ug/l	99
36) 1,1-Dichloropropene	8.09	75	324287	57.08	ug/l	100
37) Ethyl Acetate	7.26	43	174637	80.81	ug/l	100
38) Carbon Tetrachloride	8.07	117	286534	53.84	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	405368	53.74	ug/l	98
40) Benzene	8.33	78	1004689	60.03	ug/l	100
41) Methacrylonitrile	7.49	41	96010	86.60	ug/l	94
42) 1,2-Dichloroethane	8.41	62	247695	61.86	ug/l	99
43) Isopropyl Acetate	8.43	43	326088	81.26	ug/l	98
44) Trichloroethene	9.10	130	258089	56.21	ug/l	97
45) 1,2-Dichloropropane	9.37	63	248643	61.80	ug/l	97
46) Dibromomethane	9.46	93	121942	61.92	ug/l	97
47) Bromodichloromethane	9.65	83	283212	58.79	ug/l	98
48) Methyl methacrylate	9.44	41	162197	77.84	ug/l	94
49) 1,4-Dioxane	9.45	88	58558	1592.68	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	953784	422.36	ug/l	100
52) Toluene	10.40	92	714035	58.70	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	329748	63.34	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	375785	60.28	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	197201	62.80	ug/l	98
56) Ethyl methacrylate	10.65	69	305857	76.84	ug/l	100
57) 1,3-Dichloropropane	10.94	76	340978	65.40	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	607335	351.03	ug/l	98
59) 2-Hexanone	10.98	43	714843	439.09	ug/l	99
60) Dibromochloromethane	11.13	129	215033	61.72	ug/l	99
61) 1,2-Dibromoethane	11.24	107	192108	66.72	ug/l	99
64) Tetrachloroethene	10.87	164	305058	67.86	ug/l	98
65) Chlorobenzene	11.66	112	768198	57.87	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	229410	57.88	ug/l	99
67) Ethyl Benzene	11.74	91	1331557	57.60	ug/l	100
68) m/p-Xylenes	11.85	106	1058521	113.63	ug/l	99
69) o-Xylene	12.17	106	507571	58.57	ug/l	99
70) Styrene	12.19	104	841435	59.50	ug/l	99
71) Bromoform	12.35	173	143077	66.58	ug/l #	98
73) Isopropylbenzene	12.47	105	1330780	59.34	ug/l	100
74) N-amyl acetate	12.28	43	389882	91.37	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	257065	76.27	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	183499m	75.16	ug/l	
77) Bromobenzene	12.76	156	325066	61.52	ug/l	94
78) n-propylbenzene	12.81	91	1619640	60.13	ug/l	98
79) 2-Chlorotoluene	12.90	91	929355	60.17	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1228726	64.34	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	79148	76.03	ug/l	95
82) 4-Chlorotoluene	12.99	91	952147	58.65	ug/l	99
83) tert-Butylbenzene	13.21	119	940530	56.31	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1584396	82.56	ug/l	99
85) sec-Butylbenzene	13.39	105	1346137	56.08	ug/l	99
86) p-Isopropyltoluene	13.51	119	1201109	56.52	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	631643	56.93	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	628878	57.71	ug/l	98
89) n-Butylbenzene	13.83	91	1125788	56.36	ug/l	97
90) Hexachloroethane	14.10	117	187261	55.00	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	589528	60.46	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	46434	82.85	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	370846	53.76	ug/l	99
94) Hexachlorobutadiene	15.25	225	146033	33.06	ug/l	100
95) Naphthalene	15.38	128	916158	81.92	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	334771	56.40	ug/l	99

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

