

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\
 Data File : VW004523.D
 Acq On : 08 Aug 2018 04:56
 Operator : SY/AP
 Sample : J4351-03MSD
 Misc : 10.10G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MSD

Manual Integrations
 APPROVED

apatel
 8/8/2018 2:24:46 PM

Quant Time: Aug 08 09:21:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	670431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1061704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	983864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	482425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	392482	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
35) Dibromofluoromethane	7.89	113	367548	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	10.33	98	1423142	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.62	95	489404	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	206337	44.85	ug/l	97
3) Chloromethane	2.21	50	304154	47.45	ug/l	99
4) Vinyl Chloride	2.37	62	453988	50.70	ug/l	99
5) Bromomethane	2.78	94	268905	51.58	ug/l	99
6) Chloroethane	2.93	64	281285	52.57	ug/l	99
7) Trichlorofluoromethane	3.26	101	189988	57.45	ug/l	98
8) Diethyl Ether	3.67	74	215407	51.49	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	368325	50.42	ug/l	100
10) Methyl Iodide	4.27	142	566399	51.68	ug/l	99
11) Tert butyl alcohol	5.23	59	107840	248.17	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	367622	50.00	ug/l	98
13) Acrolein	3.90	56	59439	111.64	ug/l	100
14) Allyl chloride	4.66	41	590260	53.44	ug/l	98
15) Acrylonitrile	5.38	53	475258	255.64	ug/l	99
16) Acetone	4.15	43	569681	307.37	ug/l	100
17) Carbon Disulfide	4.38	76	1184960	50.15	ug/l	100
18) Methyl Acetate	4.68	43	405897	87.83	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	543794	54.22	ug/l	98
20) Methylene Chloride	4.91	84	485803	54.46	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	404044	51.00	ug/l	97
22) Diisopropyl ether	6.31	45	1250189	55.07	ug/l	97
23) Vinyl Acetate	6.26	43	1151095	84.37	ug/l	100
24) 1,1-Dichloroethane	6.21	63	751431	51.72	ug/l	99
25) 2-Butanone	7.18	43	759772	254.84	ug/l	99
26) 2,2-Dichloropropane	7.17	77	333307	43.71	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	440068	51.62	ug/l	99
28) Bromochloromethane	7.51	49	354611	56.09	ug/l	99
29) Tetrahydrofuran	7.54	42	394568	256.00	ug/l	99
30) Chloroform	7.68	83	749441	52.51	ug/l	99
31) Cyclohexane	7.95	56	695698	50.04	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	559059	52.15	ug/l	99
36) 1,1-Dichloropropene	8.09	75	576589	50.44	ug/l	100
37) Ethyl Acetate	7.26	43	219333	40.97	ug/l	100
38) Carbon Tetrachloride	8.07	117	524431	50.98	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	714321	50.98	ug/l	98
40) Benzene	8.33	78	1722075	51.30	ug/l	99
41) Methacrylonitrile	7.49	41	160432	53.65	ug/l	92
42) 1,2-Dichloroethane	8.40	62	471840	50.80	ug/l	100
43) Isopropyl Acetate	8.43	43	420265	45.03	ug/l	98
44) Trichloroethene	9.09	130	414046	50.19	ug/l	97
45) 1,2-Dichloropropane	9.37	63	434799	51.72	ug/l	99
46) Dibromomethane	9.46	93	216102	50.49	ug/l	99
47) Bromodichloromethane	9.65	83	512456	50.73	ug/l	97
48) Methyl methacrylate	9.44	41	243678	55.87	ug/l	100
49) 1,4-Dioxane	9.49	88	70215	1075.39	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	1689898	260.14	ug/l	100
52) Toluene	10.39	92	1021811	51.62	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	489182	48.23	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	581063	49.15	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	309281	50.42	ug/l	99
56) Ethyl methacrylate	10.65	69	354767	48.31	ug/l	99
57) 1,3-Dichloropropane	10.94	76	541585	51.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	1001070	256.44	ug/l	99
59) 2-Hexanone	10.98	43	1149423	260.97	ug/l	99
60) Dibromochloromethane	11.13	129	340062	50.97	ug/l	100
61) 1,2-Dibromoethane	11.24	107	287782	49.94	ug/l	100
64) Tetrachloroethene	10.87	164	492415	71.75	ug/l	97
65) Chlorobenzene	11.66	112	1087923	50.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	383015	51.88	ug/l	100
67) Ethyl Benzene	11.74	91	1932808	52.58	ug/l	98
68) m/p-Xylenes	11.85	106	1495587	105.29	ug/l	99
69) o-Xylene	12.17	106	704393	53.47	ug/l	100
70) Styrene	12.18	104	1000339	44.94	ug/l	98
71) Bromoform	12.35	173	204546	50.41	ug/l #	99
73) Isopropylbenzene	12.47	105	1926474	57.73	ug/l	100
74) N-amyl acetate	12.28	43	306643	37.90	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	373437	53.61	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	257888m	51.66	ug/l	
77) Bromobenzene	12.75	156	439251	54.41	ug/l	100
78) n-propylbenzene	12.81	91	2332794	56.66	ug/l	100
79) 2-Chlorotoluene	12.90	91	1321421	55.46	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1647645	57.88	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	101387	48.62	ug/l	97
82) 4-Chlorotoluene	12.99	91	1369699	54.16	ug/l	100
83) tert-Butylbenzene	13.21	119	1367956	57.29	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1664543	56.49	ug/l	100
85) sec-Butylbenzene	13.39	105	2017604	56.01	ug/l	99
86) p-Isopropyltoluene	13.51	119	1740330	55.76	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	844795	50.78	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	831377	50.20	ug/l	100
89) n-Butylbenzene	13.83	91	1573444	51.31	ug/l	100
90) Hexachloroethane	14.10	117	314225	54.41	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	787155	52.16	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	59568	52.33	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	469285	44.91	ug/l	99
94) Hexachlorobutadiene	15.24	225	277188	45.56	ug/l	100
95) Naphthalene	15.38	128	950246	44.41	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	434592	46.28	ug/l	99

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

