

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007089.D
 Acq On : 27 Nov 2018 15:55
 Operator : VAY/AP
 Sample : J6003-05MSD
 Misc : 5.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMSD

Manual Integrations
 APPROVED

apatel
 11/28/2018 11:55:04 AM

Quant Time: Nov 28 01:04:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	131785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	37937	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	48041	64.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.38%	
35) Dibromofluoromethane	7.89	113	42803	57.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.02%	
50) Toluene-d8	10.32	98	163365	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.62	95	59324	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	42159	56.29	ug/l	98
3) Chloromethane	2.21	50	42189	67.59	ug/l	96
4) Vinyl Chloride	2.36	62	41408	67.43	ug/l	97
5) Bromomethane	2.78	94	23050	70.32	ug/l	94
6) Chloroethane	2.92	64	22341	66.00	ug/l	97
7) Trichlorofluoromethane	3.26	101	68915	57.07	ug/l	93
8) Diethyl Ether	3.69	74	24599	63.22	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	32017	40.90	ug/l	97
10) Methyl Iodide	4.28	142	58775	65.59	ug/l	99
11) Tert butyl alcohol	5.21	59	17661	365.31	ug/l	95
12) 1,1-Dichloroethene	4.04	96	40813	59.44	ug/l	96
13) Acrolein	3.91	56	15663	315.48	ug/l	98
14) Allyl chloride	4.68	41	69783	61.28	ug/l	98
15) Acrylonitrile	5.38	53	54959	375.81	ug/l	99
16) Acetone	4.14	43	42911	397.98	ug/l	92
17) Carbon Disulfide	4.39	76	129006	58.12	ug/l	100
18) Methyl Acetate	4.68	43	29362	76.47	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	128243	71.53	ug/l	99
20) Methylene Chloride	4.92	84	54434	64.97	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	47969	59.98	ug/l	98
22) Diisopropyl ether	6.32	45	144420	65.16	ug/l	97
23) Vinyl Acetate	6.26	43	425596	361.57	ug/l	99
24) 1,1-Dichloroethane	6.23	63	83799	62.15	ug/l	100
25) 2-Butanone	7.18	43	69234	374.91	ug/l	97
26) 2,2-Dichloropropane	7.17	77	73017	60.22	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	54160	63.59	ug/l	98
28) Bromochloromethane	7.52	49	32836	65.15	ug/l	99
29) Tetrahydrofuran	7.54	42	43800	366.22	ug/l	99
30) Chloroform	7.68	83	87245	60.90	ug/l	98
31) Cyclohexane	7.96	56	41549	29.05	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	74413	57.67	ug/l	99
36) 1,1-Dichloropropene	8.09	75	62490	48.52	ug/l	99
37) Ethyl Acetate	7.26	43	31352	67.18	ug/l	98
38) Carbon Tetrachloride	8.07	117	58898	47.76	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	33046	20.51	ug/l	94
40) Benzene	8.33	78	195982	56.38	ug/l	99
41) Methacrylonitrile	7.49	41	18565	64.06	ug/l	96
42) 1,2-Dichloroethane	8.40	62	60360	59.81	ug/l	100
43) Isopropyl Acetate	8.43	43	67853	76.30	ug/l	93
44) Trichloroethene	9.10	130	51389	52.73	ug/l	91
45) 1,2-Dichloropropane	9.37	63	48828	56.98	ug/l	99
46) Dibromomethane	9.46	93	26500	61.75	ug/l	99
47) Bromodichloromethane	9.65	83	66177	58.53	ug/l	96
48) Methyl methacrylate	9.44	41	31888	74.36	ug/l	97
49) 1,4-Dioxane	9.47	88	7452	1168.35	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	152675	339.72	ug/l	100
52) Toluene	10.39	92	119740	50.61	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	69187	63.17	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	79558	60.12	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	57429	90.96	ug/l	97
56) Ethyl methacrylate	10.65	69	64130	87.50	ug/l	90
57) 1,3-Dichloropropane	10.93	76	65192	61.61	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	110235	287.85	ug/l	100
59) 2-Hexanone	10.97	43	102059	331.62	ug/l	91
60) Dibromochloromethane	11.13	129	48602	67.56	ug/l	95
61) 1,2-Dibromoethane	11.24	107	36536	63.26	ug/l	93
64) Tetrachloroethene	10.87	164	28290	41.05	ug/l	93
65) Chlorobenzene	11.66	112	122036	54.59	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	40064	59.24	ug/l	97
67) Ethyl Benzene	11.73	91	176991	43.10	ug/l	98
68) m/p-Xylenes	11.84	106	136306	84.59	ug/l	99
69) o-Xylene	12.17	106	67074	44.15	ug/l	100
70) Styrene	12.18	104	124408	51.45	ug/l	99
71) Bromoform	12.35	173	23084	72.46	ug/l #	98
73) Isopropylbenzene	12.47	105	295972	100.38	ug/l	99
74) N-amyl acetate	12.26	43	131926	266.98	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.72	83	51827	132.08	ug/l	89
76) 1,2,3-Trichloropropane	12.77	75	30194m	101.29	ug/l	
77) Bromobenzene	12.75	156	44027	69.52	ug/l	90
78) n-propylbenzene	12.81	91	413655	115.82	ug/l	100
79) 2-Chlorotoluene	12.90	91	98696	47.93	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	88361	34.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12497	105.25	ug/l #	31
82) 4-Chlorotoluene	12.99	91	106646	49.35	ug/l	94
83) tert-Butylbenzene	13.21	119	81391	36.87	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	94642	37.26	ug/l	99
85) sec-Butylbenzene	13.39	105	362106	116.12	ug/l	88
86) p-Isopropyltoluene	13.51	119	62576	22.75	ug/l	96
87) 1,3-Dichlorobenzene	13.50	146	55799	43.16	ug/l #	74
88) 1,4-Dichlorobenzene	13.58	146	58386	45.30	ug/l #	74
89) n-Butylbenzene	13.83	91	196227	75.79	ug/l #	86
90) Hexachloroethane	14.10	117	91283	227.26	ug/l #	22
91) 1,2-Dichlorobenzene	13.87	146	54692	48.28	ug/l #	43
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7884	118.97	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	17431	23.33	ug/l #	1
94) Hexachlorobutadiene	15.24	225	4216	10.38	ug/l	98
95) Naphthalene	15.37	128	76877	56.70	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.57	180	22591	36.45	ug/l #	1

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

