

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW122318\
 Data File : VW007835.D
 Acq On : 22 Dec 2018 11:24
 Operator : SY/AP
 Sample : J6426-16
 Misc : 5.84G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013C-3036-01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 11:01:14 AM

Quant Time: Feb 28 08:38:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	31932	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.87	114	58093	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.65	117	21676	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.57	152	7365	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	23797	67.99	ug/l	0.01
Spiked Amount			Recovery	=	135.98%	
35) Dibromofluoromethane	7.90	113	19638	55.41	ug/l	0.02
Spiked Amount			Recovery	=	110.82%	
50) Toluene-d8	10.38	98	19392	14.51	ug/l	0.06
Spiked Amount			Recovery	=	29.02%	
62) 4-Bromofluorobenzene	12.62	95	9915	19.21	ug/l	0.00
Spiked Amount			Recovery	=	38.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.37	62	3930	17.711	ug/l	99
12) 1,1-Dichloroethene	4.06	96	9739	30.913	ug/l	95
16) Acetone	4.13	43	13485	205.756	ug/l	97
24) 1,1-Dichloroethane	6.24	63	3512	6.171	ug/l	98
27) cis-1,2-Dichloroethene	7.19	96	1247469	3379.284	ug/l	93
31) Cyclohexane	7.98	56	400033	767.818	ug/l	91
32) 1,1,1-Trichloroethane	7.89	97	23181	39.520	ug/l	93
39) Methylcyclohexane	9.35	83	475838	682.957	ug/l	96
40) Benzene	8.35	78	777942	519.937	ug/l	99
44) Trichloroethene	9.11	130	3500	7.735	ug/l	98
52) Toluene	10.40	92	91317233m	90965.652	ug/l	
64) Tetrachloroethene	10.89	164	9425	61.403	ug/l	98
65) Chlorobenzene	11.67	112	148965	317.514	ug/l	98
67) Ethyl Benzene	11.74	91	37933068m	47117.235	ug/l	
68) m/p-Xylenes	11.91	106	34528593m	110561.666	ug/l	
69) o-Xylene	12.19	106	18060757	61694.975	ug/l #	1
73) Isopropylbenzene	12.48	105	613165	1101.404	ug/l	100
78) n-propylbenzene	12.82	91	856876	1322.241	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1025066	2134.647	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	3039157	6272.088	ug/l	99
85) sec-Butylbenzene	13.39	105	81967m	141.156	ug/l	
86) p-Isopropyltoluene	13.51	119	307137	581.671	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	22741	89.747	ug/l #	70
89) n-Butylbenzene	13.83	91	76506	158.027	ug/l #	66
91) 1,2-Dichlorobenzene	13.88	146	49884	219.943	ug/l #	78
93) 1,2,4-Trichlorobenzene	15.14	180	183399	1164.911	ug/l #	87
95) Naphthalene	15.38	128	958076	3291.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	36712	272.414	ug/l #	45

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

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