

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018838.D
 Acq On : 29 Apr 2021 11:09
 Operator : SY/VA
 Sample : VSTD05006
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050106

Quant Time: Apr 29 11:48:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 29 11:46:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	628644	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	573589	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	287460	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	403097	57.45	ug/L	0.00
7) Chloroethane-d5	2.891	69	317188	59.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	798187	56.83	ug/L	0.00
21) 2-Butanone-d5	7.080	46	208627	115.42	ug/L	0.00
24) Chloroform-d	7.653	84	817440	56.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	453187	55.92	ug/L	0.00
32) Benzene-d6	8.275	84	1585837	55.14	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	471397	55.43	ug/L	0.00
41) Toluene-d8	10.323	98	1512441	57.10	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	230155	62.86	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	185274	128.75	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	416981	59.25	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	507782	59.74	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	308301	60.03	ug/L	94
3) Chloromethane	2.221	50	272224	57.30	ug/L	97
5) Vinyl chloride	2.367	62	449443	55.81	ug/L	97
6) Bromomethane	2.788	94	316370	56.58	ug/L	99
8) Chloroethane	2.928	64	274745	57.63	ug/L	98
9) Trichlorofluoromethane	3.263	101	358846	59.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	404117	56.58	ug/L	98
12) 1,1-Dichloroethene	4.044	96	401666	55.79	ug/L	93
13) Acetone	4.135	43	139975	93.18	ug/L	85
14) Carbon disulfide	4.391	76	1248654	60.06	ug/L	99
15) Methyl Acetate	4.672	43	166029	58.35	ug/L	93
16) Methylene chloride	4.922	84	422077	42.43	ug/L	92
17) trans-1,2-Dichloroethene	5.428	96	435674	56.53	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	590805	55.07	ug/L	97
19) 1,1-Dichloroethane	6.220	63	738936	55.71	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	464906	57.52	ug/L	97
22) 2-Butanone	7.177	43	221643	112.43	ug/L	95
23) Bromochloromethane	7.519	128	205286	58.02	ug/L	88
25) Chloroform	7.677	83	773805	55.68	ug/L	97
27) 1,2-Dichloroethane	8.403	62	527432	55.63	ug/L	98
29) Cyclohexane	7.958	56	677120	55.17	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	632104	55.94	ug/L	99
31) Carbon tetrachloride	8.067	117	584730	57.33	ug/L	99
33) Benzene	8.323	78	1666068	53.75	ug/L	100
34) Trichloroethene	9.092	95	455195	55.89	ug/L	96
35) Methylcyclohexane	9.335	83	794089	55.59	ug/L	98
37) 1,2-Dichloropropane	9.372	63	408486	55.14	ug/L	98
38) Bromodichloromethane	9.646	83	562096	59.43	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	686236	60.25	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	504838	110.88	ug/L	94
42) Toluene	10.390	91	1873445	55.67	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	614116	62.51	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.786	97	328684	56.57	ug/L	98
46) Tetrachloroethene	10.866	164	332177	54.07	ug/L	93
48) 2-Hexanone	10.969	43	348334	120.84	ug/L	93
49) Dibromochloromethane	11.128	129	372907	61.22	ug/L	91
50) 1,2-Dibromoethane	11.238	107	326944	58.79	ug/L	97
51) Chlorobenzene	11.658	112	1141365	55.55	ug/L	98
52) Ethylbenzene	11.731	91	2095164	56.74	ug/L	99
53) m,p-Xylene	11.841	106	777294	56.69	ug/L	93
54) o-Xylene	12.164	106	756241	58.57	ug/L	98
55) Styrene	12.182	104	1301144	60.61	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	402828	57.73	ug/L	99
59) Bromoform	12.347	173	216526	66.78	ug/L	97
60) Isopropylbenzene	12.463	105	2045046	56.82	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	302571	56.14	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	1736899	58.17	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1738871	58.41	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	861578	56.22	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	866723	56.11	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	790142	57.56	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	67369	61.86	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	625587	56.98	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	513387	56.48	ug/L	99
71) Naphthalene	15.365	128	1161232	62.50	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	463168	58.92	ug/L	99

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

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