

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018839.D
 Acq On : 29 Apr 2021 11:33
 Operator : SY/VA
 Sample : VSTD10001
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100101

Quant Time: Apr 29 11:56:25 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	597851	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	553130	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	277079	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	778215	116.62	ug/L	0.00
7) Chloroethane-d5	2.891	69	634441	125.25	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	1515096	113.44	ug/L	0.00
21) 2-Butanone-d5	7.080	46	424306	246.83	ug/L	0.00
24) Chloroform-d	7.653	84	1585871	115.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	868905	112.73	ug/L	0.00
32) Benzene-d6	8.275	84	3027772	109.16	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	908850	110.81	ug/L	0.00
41) Toluene-d8	10.323	98	2889259	113.12	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	463631	131.31	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	372651	268.55	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	812996	119.80	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	942765	115.08	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	606842	124.25	ug/L	98
3) Chloromethane	2.221	50	581379	128.69	ug/L	99
5) Vinyl chloride	2.373	62	853908	111.50	ug/L	99
6) Bromomethane	2.788	94	601594	113.14	ug/L	100
8) Chloroethane	2.928	64	531891	117.31	ug/L	99
9) Trichlorofluoromethane	3.263	101	721591	125.83	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	770796	113.47	ug/L	97
12) 1,1-Dichloroethene	4.044	96	769621	112.40	ug/L	90
13) Acetone	4.135	43	272676	190.87	ug/L	89
14) Carbon disulfide	4.391	76	2382071	120.49	ug/L	99
15) Methyl Acetate	4.672	43	330423	122.10	ug/L	93
16) Methylene chloride	4.922	84	784462	82.93	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	819048	111.75	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	1113123	109.09	ug/L	97
19) 1,1-Dichloroethane	6.220	63	1408746	111.69	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	879138	114.37	ug/L	99
22) 2-Butanone	7.177	43	432213	230.53	ug/L	94
23) Bromochloromethane	7.513	128	392870	116.76	ug/L	93
25) Chloroform	7.677	83	1473109	111.47	ug/L	99
27) 1,2-Dichloroethane	8.403	62	1002022	111.13	ug/L	98
29) Cyclohexane	7.958	56	1275608	107.77	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	1190172	109.22	ug/L	99
31) Carbon tetrachloride	8.073	117	1107926	112.65	ug/L	97
33) Benzene	8.329	78	3119629	104.36	ug/L	100
34) Trichloroethene	9.091	95	857714	109.21	ug/L	96
35) Methylcyclohexane	9.335	83	1513132	109.84	ug/L	97
37) 1,2-Dichloropropane	9.372	63	765251	107.13	ug/L	99
38) Bromodichloromethane	9.646	83	1098896	120.48	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	1323868	120.54	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	992353	226.02	ug/L	93
42) Toluene	10.390	91	3503287	107.95	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	1203706	127.06	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	630060	112.46	ug/L	98
46) Tetrachloroethene	10.866	164	652978	110.22	ug/L	98
48) 2-Hexanone	10.969	43	694228	249.74	ug/L	93
49) Dibromochloromethane	11.134	129	736123	125.31	ug/L	95
50) 1,2-Dibromoethane	11.237	107	624588	116.46	ug/L	97
51) Chlorobenzene	11.658	112	2159378	108.98	ug/L	97
52) Ethylbenzene	11.731	91	3977606	111.70	ug/L	94
53) m,p-Xylene	11.841	106	1497937	113.28	ug/L	98
54) o-Xylene	12.164	106	1453916	116.77	ug/L	100
55) Styrene	12.182	104	2496817	120.60	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	774495	115.10	ug/L	95
59) Bromoform	12.353	173	446866	142.98	ug/L	98
60) Isopropylbenzene	12.463	105	3914570	112.84	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	575544	110.80	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	3291161	114.35	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	3348391	116.70	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	1600008	108.31	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	1629738	109.47	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	1477813	111.69	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	139297	132.71	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	1192788	112.71	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	1005657	114.78	ug/L	98
71) Naphthalene	15.365	128	2229839	124.51	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	913228	120.52	ug/L	98

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

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