

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
 Data File : VW023399.D
 Acq On : 06 Jun 2022 12:04
 Operator : SY/VA
 Sample : VSTD02518
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025418

Quant Time: Jun 06 12:44:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 06 11:37:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	411734	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	381997	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	196227	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	155997	20.657	ug/L	0.00
7) Chloroethane-d5	2.891	69	112476	21.734	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	249059	22.716	ug/L	0.00
21) 2-Butanone-d5	7.073	46	60224	40.019	ug/L	0.00
24) Chloroform-d	7.646	84	285280	21.676	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	147699	21.250	ug/L	0.00
32) Benzene-d6	8.274	84	551300	22.023	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	157223	21.918	ug/L	0.00
41) Toluene-d8	10.323	98	541224	22.303	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	70953	22.111	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	46320	40.223	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	128418	20.560	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	185875	21.866	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	34700	21.122	ug/L	97
3) Chloromethane	2.220	50	126363	24.376	ug/L	99
5) Vinyl chloride	2.361	62	190086	23.711	ug/L	99
6) Bromomethane	2.781	94	101783	26.875	ug/L	94
8) Chloroethane	2.922	64	91004	25.368	ug/L	97
9) Trichlorofluoromethane	3.257	101	128053	33.855	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	136433	24.933	ug/L	97
12) 1,1-Dichloroethene	4.043	96	121633	25.429	ug/L	95
13) Acetone	4.116	43	43397	46.899	ug/L	100
14) Carbon disulfide	4.385	76	396818	24.974	ug/L	99
15) Methyl Acetate	4.671	43	48186	23.745	ug/L	96
16) Methylene chloride	4.915	84	136490	22.941	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	146106	26.188	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	209896	25.476	ug/L	99
19) 1,1-Dichloroethane	6.214	63	239780	25.373	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	150399	25.566	ug/L #	99
22) 2-Butanone	7.171	43	67730	48.646	ug/L	98
23) Bromochloromethane	7.512	128	68344	24.473	ug/L	99
25) Chloroform	7.677	83	264825	25.512	ug/L	99
27) 1,2-Dichloroethane	8.402	62	170412	25.341	ug/L	98
29) Cyclohexane	7.957	56	223611	27.045	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	239111	26.748	ug/L	99
31) Carbon tetrachloride	8.067	117	226060	26.907	ug/L	99
33) Benzene	8.323	78	587916	26.439	ug/L	100
34) Trichloroethene	9.091	95	161372	26.791	ug/L	98
35) Methylcyclohexane	9.335	83	276660	27.732	ug/L	98
37) 1,2-Dichloropropane	9.366	63	136486	26.162	ug/L	100
38) Bromodichloromethane	9.646	83	193042	26.058	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	222427	26.817	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	146828	49.415	ug/L	99
42) Toluene	10.384	91	678241	27.398	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	193818	26.206	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	109228	25.488	ug/L	99
46) Tetrachloroethene	10.859	164	126857	26.430	ug/L	88
48) 2-Hexanone	10.969	43	102395	51.608	ug/L	99
49) Dibromochloromethane	11.127	129	132527	25.221	ug/L	91
50) 1,2-Dibromoethane	11.237	107	106278	25.348	ug/L	93
51) Chlorobenzene	11.658	112	438952	26.814	ug/L	98
52) Ethylbenzene	11.731	91	762820	28.038	ug/L	95
53) m,p-Xylene	11.835	106	299218	27.763	ug/L	100
54) o-Xylene	12.164	106	284887	27.600	ug/L	100
55) Styrene	12.182	104	486716	27.704	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	126913	25.047	ug/L	99
59) Bromoform	12.347	173	72318	25.119	ug/L	99
60) Isopropylbenzene	12.463	105	789652	28.934	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	88586	24.771	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	654729	29.149	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	648285	35.229	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	340567	27.495	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	345673	27.202	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	308907	27.422	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.480	75	18903	23.826	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	228303	27.922	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	180181	27.914	ug/L	98
71) Naphthalene	15.364	128	341048	27.937	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	150924	26.780	ug/L	99

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

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