

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024158.D
 Acq On : 04 Aug 2022 10:35
 Operator : SY/VA
 Sample : VSTD05010
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050410

Quant Time: Aug 05 00:39:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 00:24:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	304635	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	300829	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	169791	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	329492	51.745	ug/L	0.00
7) Chloroethane-d5	2.873	69	210101	52.967	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	370111	51.001	ug/L	0.00
21) 2-Butanone-d5	7.074	46	117001	90.622	ug/L	0.00
24) Chloroform-d	7.647	84	438328	47.554	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	237177	46.346	ug/L	0.00
32) Benzene-d6	8.268	84	860679	48.511	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	244889	46.751	ug/L	0.00
41) Toluene-d8	10.323	98	843391	50.859	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	114731	50.005	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	102463	105.932	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	235466	46.331	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	310565	49.984	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	149518	55.788	ug/L	98
3) Chloromethane	2.209	50	251364	50.008	ug/L	99
5) Vinyl chloride	2.349	62	344407	49.221	ug/L	98
6) Bromomethane	2.763	94	180854	45.079	ug/L	93
8) Chloroethane	2.910	64	160540	52.379	ug/L	98
9) Trichlorofluoromethane	3.245	101	165362	49.854	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	216003	48.264	ug/L	98
12) 1,1-Dichloroethene	4.025	96	185937	50.770	ug/L	91
13) Acetone	4.117	43	70913	80.419	ug/L	63
14) Carbon disulfide	4.373	76	586772	50.068	ug/L	98
15) Methyl Acetate	4.665	43	88822	46.894	ug/L	97
16) Methylene chloride	4.909	84	205748	38.299	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	212384	50.070	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	311472	51.646	ug/L	99
19) 1,1-Dichloroethane	6.208	63	356965	47.914	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	232463	49.975	ug/L #	94
22) 2-Butanone	7.171	43	130473	86.657	ug/L	99
23) Bromochloromethane	7.506	128	109286	47.245	ug/L	95
25) Chloroform	7.671	83	394157	48.012	ug/L	95
27) 1,2-Dichloroethane	8.396	62	258464	46.788	ug/L	98
29) Cyclohexane	7.951	56	328270	53.226	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	330878	48.772	ug/L	100
31) Carbon tetrachloride	8.067	117	319973	49.994	ug/L	96
33) Benzene	8.323	78	855251	48.135	ug/L	100
34) Trichloroethene	9.091	95	225904	48.103	ug/L	97
35) Methylcyclohexane	9.329	83	391796	53.201	ug/L	97
37) 1,2-Dichloropropane	9.366	63	208036	47.366	ug/L	99
38) Bromodichloromethane	9.646	83	293879	47.706	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	337989	52.307	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	288486	98.969	ug/L	98
42) Toluene	10.384	91	973103	51.539	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	302462	51.228	ug/L	98

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

45) 1,1,2-Trichloroethane	10.786	97	174066	47.021	ug/L	96
46) Tetrachloroethene	10.859	164	188941	49.696	ug/L	96
48) 2-Hexanone	10.969	43	203736	102.990	ug/L	97
49) Dibromochloromethane	11.128	129	217816	48.875	ug/L	93
50) 1,2-Dibromoethane	11.231	107	171590	48.379	ug/L #	97
51) Chlorobenzene	11.652	112	628270	48.703	ug/L	97
52) Ethylbenzene	11.731	91	1079748	52.197	ug/L	99
53) m,p-Xylene	11.835	106	424681	52.741	ug/L	97
54) o-Xylene	12.164	106	408101	53.647	ug/L	96
55) Styrene	12.176	104	711415	53.771	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	216458	46.787	ug/L	100
59) Bromoform	12.353	173	128013	49.428	ug/L	98
60) Isopropylbenzene	12.463	105	1093809	53.215	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	156658	46.362	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	957061	56.345	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	935376	55.916	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	497413	49.420	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	517933	48.596	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	467787	48.943	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	35455	44.910	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	324930	49.232	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	282813	53.508	ug/L	99
71) Naphthalene	15.365	128	572992	55.657	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	254985	52.989	ug/L	97

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

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