

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023643.D
 Acq On : 13 Jul 2022 12:31
 Operator : SY/VA
 Sample : VSTD02552
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025452

Quant Time: Jul 14 01:27:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 01:25:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	220342	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	229136	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	136784	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	176349	31.491	ug/L	0.00
7) Chloroethane-d5	2.879	69	112857	30.309	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	127248	27.855	ug/L	0.00
21) 2-Butanone-d5	7.080	46	46051	54.025	ug/L	0.00
24) Chloroform-d	7.653	84	169669	26.448	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	104914	26.739	ug/L	0.00
32) Benzene-d6	8.275	84	338329	28.404	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	99831	27.824	ug/L	0.00
41) Toluene-d8	10.323	98	346860	28.709	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	46573	27.693	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	40775	54.045	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	106323	26.815	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	128552	26.327	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	39075	26.285	ug/L	100
3) Chloromethane	2.215	50	81599	22.253	ug/L	100
5) Vinyl chloride	2.355	62	157475	25.009	ug/L	100
6) Bromomethane	2.769	94	95398	23.423	ug/L	100
8) Chloroethane	2.916	64	71747	24.356	ug/L	100
9) Trichlorofluoromethane	3.251	101	69426	24.256	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	67512	24.243	ug/L	100
12) 1,1-Dichloroethene	4.038	96	55823	23.985	ug/L	100
13) Acetone	4.123	43	24781	44.504	ug/L	98
14) Carbon disulfide	4.385	76	152478	22.192	ug/L	100
15) Methyl Acetate	4.672	43	30824	23.427	ug/L	100
16) Methylene chloride	4.922	84	69080	20.056	ug/L	100
17) trans-1,2-Dichloroethene	5.421	96	66994	23.640	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	106080	24.283	ug/L	100
19) 1,1-Dichloroethane	6.214	63	125385	23.986	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	74899	23.838	ug/L	100
22) 2-Butanone	7.171	43	46905	46.491	ug/L	100
23) Bromochloromethane	7.519	128	35667	23.649	ug/L	100
25) Chloroform	7.671	83	144239	23.951	ug/L	100
27) 1,2-Dichloroethane	8.396	62	106939	24.127	ug/L	100
29) Cyclohexane	7.958	56	103807	24.771	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	119882	24.163	ug/L	100
31) Carbon tetrachloride	8.067	117	107821	24.108	ug/L	100
33) Benzene	8.323	78	309201	23.746	ug/L	100
34) Trichloroethene	9.091	95	78648	22.873	ug/L	100
35) Methylcyclohexane	9.335	83	127416	24.335	ug/L	100
37) 1,2-Dichloropropane	9.366	63	78408	24.019	ug/L	100
38) Bromodichloromethane	9.646	83	112085	24.601	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	121530	24.700	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	113575	49.997	ug/L	100
42) Toluene	10.384	91	368486	24.814	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	117995	25.231	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	69353	24.297	ug/L	100
46) Tetrachloroethene	10.859	164	63240	23.786	ug/L	100
48) 2-Hexanone	10.969	43	83191	51.189	ug/L	100
49) Dibromochloromethane	11.128	129	80445	24.302	ug/L	100
50) 1,2-Dibromoethane	11.231	107	67706	24.689	ug/L	100
51) Chlorobenzene	11.658	112	241261	24.089	ug/L	100
52) Ethylbenzene	11.731	91	428014	25.364	ug/L	100
53) m,p-Xylene	11.835	106	167828	25.490	ug/L	100
54) o-Xylene	12.164	106	162498	25.700	ug/L	100
55) Styrene	12.176	104	298537	26.726	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	96281	24.729	ug/L	100
59) Bromoform	12.347	173	47184	23.394	ug/L	100
60) Isopropylbenzene	12.463	105	459105	24.986	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	68638	22.885	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	382865	25.451	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	384945	25.595	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	197702	23.698	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	209084	23.557	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	185880	23.625	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	15665	22.645	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	136129	24.653	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	104280	24.457	ug/L	100
71) Naphthalene	15.365	128	226808	24.798	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	97702	24.584	ug/L	100

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

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