

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024981.D
 Acq On : 26 Oct 2022 11:41
 Operator : SY/VA
 Sample : VSTD05064
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050464

Quant Time: Oct 27 04:16:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:14:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	316273	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	296511	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	148486	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	182046	51.282	ug/L	0.00
7) Chloroethane-d5	2.885	69	110173	52.979	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	457517	51.756	ug/L	0.00
21) 2-Butanone-d5	7.080	46	134952	112.649	ug/L	0.00
24) Chloroform-d	7.653	84	496287	51.706	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	282684	52.614	ug/L	0.00
32) Benzene-d6	8.275	84	975780	51.343	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	281418	50.536	ug/L	0.00
41) Toluene-d8	10.323	98	894497	50.554	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	134802	54.592	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	113871	118.376	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	242613	54.564	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	292753	51.304	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	61049	56.250	ug/L	99
3) Chloromethane	2.221	50	128259	50.550	ug/L	97
5) Vinyl chloride	2.367	62	180040	51.355	ug/L	96
6) Bromomethane	2.782	94	87164	49.822	ug/L	98
8) Chloroethane	2.922	64	76062	52.012	ug/L	99
9) Trichlorofluoromethane	3.257	101	152575	51.880	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	215041	51.635	ug/L	98
12) 1,1-Dichloroethene	4.044	96	200889	51.205	ug/L	96
13) Acetone	4.123	43	85214	100.254	ug/L	97
14) Carbon disulfide	4.391	76	603154	52.629	ug/L	99
15) Methyl Acetate	4.672	43	94818	55.663	ug/L	99
16) Methylene chloride	4.922	84	213978	38.105	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	216039	51.426	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	382859	54.330	ug/L	99
19) 1,1-Dichloroethane	6.220	63	401741	51.653	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	236890	51.737	ug/L	99
22) 2-Butanone	7.171	43	130083	102.009	ug/L	100
23) Bromochloromethane	7.519	128	103585	52.184	ug/L	97
25) Chloroform	7.677	83	423371	51.577	ug/L	95
27) 1,2-Dichloroethane	8.403	62	292546	52.542	ug/L	100
29) Cyclohexane	7.958	56	361808	51.677	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	365486	50.369	ug/L	99
31) Carbon tetrachloride	8.073	117	328724	50.698	ug/L	100
33) Benzene	8.323	78	895437	50.148	ug/L	100
34) Trichloroethene	9.092	95	236786	50.095	ug/L	98
35) Methylcyclohexane	9.335	83	409103	50.936	ug/L	100
37) 1,2-Dichloropropane	9.366	63	220392	50.854	ug/L	99
38) Bromodichloromethane	9.646	83	313885	51.895	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	368500	53.787	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	292164	114.882	ug/L	100
42) Toluene	10.384	91	974406	51.402	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	338233	55.532	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	173149	52.916	ug/L	98
46) Tetrachloroethene	10.860	164	168859	49.952	ug/L	97
48) 2-Hexanone	10.969	43	204425	116.229	ug/L	99
49) Dibromochloromethane	11.128	129	214069	53.670	ug/L	91
50) 1,2-Dibromoethane	11.231	107	165644	53.526	ug/L	98
51) Chlorobenzene	11.658	112	619492	50.416	ug/L	98
52) Ethylbenzene	11.731	91	1110042	50.729	ug/L	98
53) m,p-Xylene	11.835	106	432673	51.082	ug/L	99
54) o-Xylene	12.164	106	418599	52.385	ug/L	99
55) Styrene	12.176	104	723697	52.143	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	215272	54.841	ug/L	99
59) Bromoform	12.347	173	115898	55.185	ug/L	99
60) Isopropylbenzene	12.463	105	1151461	51.579	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	163370	54.764	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	1007408	51.985	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	984137	51.789	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	465245	49.968	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	479779	51.642	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	423893	50.635	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	39491	57.284	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	310714	50.384	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	255718	53.350	ug/L	97
71) Naphthalene	15.359	128	587255	58.078	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	220548	52.808	ug/L	99

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

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