

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010323\
 Data File : VW025218.D
 Acq On : 03 Jan 2023 14:16
 Operator : SY/MD
 Sample : VSTD10003
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100403

Quant Time: Jan 04 00:38:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 04 00:35:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	535512	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	466948	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	195472	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	596242	95.904	ug/L	0.00
7) Chloroethane-d5	2.879	69	400383	102.209	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	1318911	96.860	ug/L	0.00
21) 2-Butanone-d5	7.073	46	328455	208.456	ug/L	0.00
24) Chloroform-d	7.646	84	1358471	101.215	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	672083	97.211	ug/L	0.00
32) Benzene-d6	8.274	84	2826799	100.815	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	831382	101.360	ug/L	0.00
41) Toluene-d8	10.323	98	2593484	101.629	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	374090	106.510	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	279627	216.352	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	584499	101.899	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	659338	94.935	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	315039	103.719	ug/L	96
3) Chloromethane	2.208	50	520836	97.278	ug/L	99
5) Vinyl chloride	2.355	62	612564	89.700	ug/L	100
6) Bromomethane	2.775	94	317198	88.488	ug/L	96
8) Chloroethane	2.910	64	304331	95.610	ug/L	98
9) Trichlorofluoromethane	3.251	101	446416	94.377	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	644093	93.563	ug/L	98
12) 1,1-Dichloroethene	4.037	96	630070	94.902	ug/L	94
13) Acetone	4.117	43	297625	161.511	ug/L	99
14) Carbon disulfide	4.379	76	2045668	92.991	ug/L	99
15) Methyl Acetate	4.665	43	247157	92.828	ug/L	99
16) Methylene chloride	4.909	84	629173	75.962	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	680937	95.754	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	925181	92.818	ug/L	99
19) 1,1-Dichloroethane	6.214	63	1184721	94.703	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	712061	96.340	ug/L	95
22) 2-Butanone	7.165	43	372881	182.107	ug/L	99
23) Bromochloromethane	7.518	128	298190	96.655	ug/L	90
25) Chloroform	7.671	83	1169021	95.045	ug/L	97
27) 1,2-Dichloroethane	8.396	62	719853	94.558	ug/L	99
29) Cyclohexane	7.957	56	1189112	96.611	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	999130	96.343	ug/L	99
31) Carbon tetrachloride	8.067	117	909171	96.263	ug/L	100
33) Benzene	8.323	78	2670132	94.592	ug/L	100
34) Trichloroethene	9.091	95	702097	95.375	ug/L	96
35) Methylcyclohexane	9.335	83	1282871	96.034	ug/L	99
37) 1,2-Dichloropropane	9.366	63	655988	94.507	ug/L	100
38) Bromodichloromethane	9.646	83	852397	98.236	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	1071782	101.223	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	711914	196.524	ug/L	99
42) Toluene	10.384	91	2833219	95.424	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	908742	100.324	ug/L	97

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45) 1,1,2-Trichloroethane	10.786	97	457471	95.014	ug/L	97
46) Tetrachloroethene	10.859	164	504421	93.262	ug/L	97
48) 2-Hexanone	10.963	43	529686	190.660	ug/L	98
49) Dibromochloromethane	11.128	129	570948	101.610	ug/L	93
50) 1,2-Dibromoethane	11.231	107	445870	97.890	ug/L #	97
51) Chlorobenzene	11.658	112	1771411	95.525	ug/L	98
52) Ethylbenzene	11.731	91	3165263	95.665	ug/L	97
53) m,p-Xylene	11.841	106	1232941	96.423	ug/L	97
54) o-Xylene	12.164	106	1175202	99.861	ug/L	97
55) Styrene	12.182	104	1990323	99.518	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	525664	97.908	ug/L	99
59) Bromoform	12.347	173	280307	108.716	ug/L	100
60) Isopropylbenzene	12.463	105	3189344	108.283	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	382229	104.815	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	2756304	110.375	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	2648928	107.532	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	1149410	95.473	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	1101285	92.305	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	955184	91.931	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	78182	95.718	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	777781	90.678	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	724549	99.475	ug/L	94
71) Naphthalene	15.358	128	1500915	105.144	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	606878	97.135	ug/L	98

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

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