

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010323\
 Data File : VW025215.D
 Acq On : 03 Jan 2023 13:04
 Operator : SY/MD
 Sample : VSTD00580
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005480

Quant Time: Jan 04 00:36:29 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	8.842	114	564151	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	493470	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	238232	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	33708	5.147	ug/L	0.00
7) Chloroethane-d5	2.879	69	20556	4.981	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	74367	5.184	ug/L	0.00
21) 2-Butanone-d5	7.086	46	15652	9.429	ug/L	0.01
24) Chloroform-d	7.653	84	72072	5.097	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	37021	5.083	ug/L	0.00
32) Benzene-d6	8.275	84	150384	5.075	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	44139	5.092	ug/L	0.00
41) Toluene-d8	10.323	98	137525	5.099	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	17855	4.810	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	11723	8.583	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31197	5.146	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	43061	5.087	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	13161	4.113	ug/L	99
3) Chloromethane	2.215	50	29373	5.208	ug/L	94
5) Vinyl chloride	2.361	62	39060	5.429	ug/L	99
6) Bromomethane	2.776	94	20777	5.502	ug/L	99
8) Chloroethane	2.916	64	17278	5.153	ug/L	100
9) Trichlorofluoromethane	3.257	101	27553	5.529	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	38899	5.364	ug/L	98
12) 1,1-Dichloroethene	4.037	96	36882	5.273	ug/L	99
13) Acetone	4.123	43	21275	10.959	ug/L	99
14) Carbon disulfide	4.385	76	122532	5.287	ug/L	100
15) Methyl Acetate	4.672	43	14045	5.007	ug/L	98
16) Methylene chloride	4.915	84	50618	5.801	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	39500	5.273	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	54125	5.154	ug/L #	91
19) 1,1-Dichloroethane	6.220	63	69566	5.279	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	40918	5.255	ug/L	98
22) 2-Butanone	7.171	43	21469	9.953	ug/L #	69
23) Bromochloromethane	7.512	128	16888	5.196	ug/L	92
25) Chloroform	7.677	83	68516	5.288	ug/L	95
27) 1,2-Dichloroethane	8.403	62	41960	5.232	ug/L	96
29) Cyclohexane	7.958	56	68993	5.304	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	58499	5.338	ug/L	99
31) Carbon tetrachloride	8.073	117	52747	5.285	ug/L	99
33) Benzene	8.323	78	158984	5.329	ug/L	100
34) Trichloroethene	9.091	95	41623	5.350	ug/L	96
35) Methylcyclohexane	9.335	83	74367	5.268	ug/L	100
37) 1,2-Dichloropropane	9.366	63	39583	5.396	ug/L	99
38) Bromodichloromethane	9.646	83	47231	5.151	ug/L	91
39) cis-1,3-Dichloropropene	10.073	75	56279	5.030	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	37661	9.838	ug/L	99
42) Toluene	10.390	91	167676	5.344	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	47997	5.014	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	26496	5.207	ug/L	95
46) Tetrachloroethene	10.859	164	31341	5.483	ug/L	90
48) 2-Hexanone	10.969	43	29292	9.977	ug/L	97
49) Dibromochloromethane	11.128	129	30441	5.126	ug/L	97
50) 1,2-Dibromoethane	11.231	107	24949	5.183	ug/L #	89
51) Chlorobenzene	11.652	112	104015	5.308	ug/L	94
52) Ethylbenzene	11.731	91	182547	5.221	ug/L	98
53) m,p-Xylene	11.841	106	70940	5.250	ug/L	96
54) o-Xylene	12.164	106	67986	5.467	ug/L	90
55) Styrene	12.182	104	112869	5.340	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	31095	5.480	ug/L	97
59) Bromoform	12.347	173	15084	4.800	ug/L	98
60) Isopropylbenzene	12.463	105	184496	5.140	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	22476	5.057	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	153996	5.060	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	151043	5.031	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	78290	5.336	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	80941	5.566	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	68294	5.393	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.475	75	5097	5.120	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.621	180	54368	5.201	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	45304	5.104	ug/L	96
71) Naphthalene	15.359	128	78692	4.523	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	38392	5.042	ug/L	97

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

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