

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022109.D
 Acq On : 23 Feb 2022 14:48
 Operator : SY/VA
 Sample : VSTD10060
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100460

Quant Time: Feb 24 01:27:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 01:24:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	187394	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	173542	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	94809	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	238941	97.759	ug/L	0.00
7) Chloroethane-d5	2.873	69	183195	95.259	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.019	63	362780	96.923	ug/L	0.00
21) 2-Butanone-d5	7.074	46	93939	221.830	ug/L	0.00
24) Chloroform-d	7.647	84	407786	97.532	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	206679	95.098	ug/L	0.00
32) Benzene-d6	8.275	84	813758	100.754	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	217850	97.126	ug/L	0.00
41) Toluene-d8	10.323	98	822462	102.428	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	109504	110.109	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	87367	236.828	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	195439	99.285	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	310535	101.976	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.002	85	61810	118.021	ug/L	95
3) Chloromethane	2.215	50	152209	84.814	ug/L	98
5) Vinyl chloride	2.361	62	238129	88.312	ug/L	99
6) Bromomethane	2.757	94	154133	81.846	ug/L	85
8) Chloroethane	2.910	64	135271	89.302	ug/L	100
9) Trichlorofluoromethane	3.257	101	169478	92.575	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	202277	90.563	ug/L	98
12) 1,1-Dichloroethene	4.038	96	180989	93.497	ug/L	94
13) Acetone	4.117	43	64742	196.986	ug/L	97
14) Carbon disulfide	4.379	76	471820	94.012	ug/L	98
15) Methyl Acetate	4.666	43	75381	100.183	ug/L	99
16) Methylene chloride	4.910	84	193445	84.100	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	201776	94.901	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	296512	102.501	ug/L	98
19) 1,1-Dichloroethane	6.214	63	330512	96.019	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	228970	99.412	ug/L	99
22) 2-Butanone	7.165	43	102890	211.346	ug/L	96
23) Bromochloromethane	7.513	128	110482	98.195	ug/L	99
25) Chloroform	7.677	83	376595	93.767	ug/L	98
27) 1,2-Dichloroethane	8.403	62	236102	95.443	ug/L	99
29) Cyclohexane	7.952	56	287399	99.512	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	339718	97.299	ug/L	97
31) Carbon tetrachloride	8.067	117	328677	99.050	ug/L	100
33) Benzene	8.324	78	787891	93.904	ug/L	100
34) Trichloroethene	9.092	95	225345	93.802	ug/L	93
35) Methylcyclohexane	9.336	83	360986	97.148	ug/L	99
37) 1,2-Dichloropropane	9.366	63	185154	94.591	ug/L	99
38) Bromodichloromethane	9.646	83	281485	100.279	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	325117	109.270	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	227896	215.593	ug/L	99
42) Toluene	10.384	91	933729	98.326	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	292699	109.471	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	167270	96.369	ug/L	97
46) Tetrachloroethene	10.860	164	197542	93.868	ug/L	84
48) 2-Hexanone	10.963	43	158231	215.672	ug/L	97
49) Dibromochloromethane	11.128	129	226992	107.663	ug/L	98
50) 1,2-Dibromoethane	11.232	107	171883	102.667	ug/L	98
51) Chlorobenzene	11.658	112	646245	97.784	ug/L	99
52) Ethylbenzene	11.731	91	1056064	100.484	ug/L	100
53) m,p-Xylene	11.835	106	438272	101.345	ug/L	98
54) o-Xylene	12.164	106	426396	104.791	ug/L	98
55) Styrene	12.177	104	727704	106.679	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	193179	95.922	ug/L	100
59) Bromoform	12.347	173	145910	116.378	ug/L #	98
60) Isopropylbenzene	12.463	105	1162195	102.116	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	138793	92.753	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	798996	105.575	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	961629	103.971	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	545737	96.663	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	548270	96.907	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	480309	95.687	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	32299	102.072	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.621	180	386540	95.388	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	317376	103.512	ug/L	97
71) Naphthalene	15.359	128	621335	114.793	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	269982	101.802	ug/L	99

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

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