

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011322\
 Data File : VW021877.D
 Acq On : 13 Jan 2022 08:39
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025534

Quant Time: Jan 14 00:53:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 23:48:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	133299	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	130707	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73991	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	60855	24.562	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.240%
7) Chloroethane-d5	2.885	69	45546	20.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.440%
11) 1,1-Dichloroethene-d2	4.019	63	100479	25.688	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.760%
21) 2-Butanone-d5	7.086	46	21048	60.189	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.380%
24) Chloroform-d	7.647	84	111708	25.940	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.760%
26) 1,2-Dichloroethane-d4	8.305	65	55979	26.919	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.680%
32) Benzene-d6	8.275	84	223500	26.352	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.400%
36) 1,2-Dichloropropane-d6	9.274	67	58359	26.106	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.440%
41) Toluene-d8	10.323	98	220559	25.797	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.200%
43) trans-1,3-Dichloroprop...	10.579	79	25168	26.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.080%
47) 2-Hexanone-d5	10.927	63	19718	65.005	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.020%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	49466	28.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	80774	26.549	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	13384	25.469	ug/L	98
3) Chloromethane	2.215	50	42915	22.524	ug/L	96
5) Vinyl chloride	2.361	62	61368	22.421	ug/L	99
6) Bromomethane	2.782	94	40385	20.867	ug/L	100
8) Chloroethane	2.922	64	30527	18.455	ug/L	97
9) Trichlorofluoromethane	3.263	101	41519	20.413	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	55237	24.949	ug/L	91
12) 1,1-Dichloroethene	4.038	96	48444	24.348	ug/L	81
13) Acetone	4.147	43	12816	44.359	ug/L	85
14) Carbon disulfide	4.385	76	123028	23.618	ug/L	99
15) Methyl Acetate	4.678	43	16607	28.440	ug/L	# 88
16) Methylene chloride	4.915	84	49309	21.615	ug/L	78
17) trans-1,2-Dichloroethene	5.422	96	52836	24.575	ug/L	77
18) Methyl tert-butyl Ether	5.434	73	72153	26.317	ug/L	# 91
19) 1,1-Dichloroethane	6.214	63	80485	25.527	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	56786	25.675	ug/L	69
22) 2-Butanone	7.177	43	20542	55.625	ug/L	81
23) Bromochloromethane	7.519	128	27726	25.194	ug/L	# 57
25) Chloroform	7.671	83	94549	25.344	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	55120	25.514	ug/L #	94
29) Cyclohexane	7.958	56	75128	25.693	ug/L #	77
30) 1,1,1-Trichloroethane	7.872	97	84440	24.923	ug/L #	92
31) Carbon tetrachloride	8.067	117	81963	24.965	ug/L	98
33) Benzene	8.323	78	201271	25.113	ug/L	100
34) Trichloroethene	9.092	95	57912	24.906	ug/L	86
35) Methylcyclohexane	9.335	83	95649	25.014	ug/L #	82
37) 1,2-Dichloropropane	9.366	63	44378	25.416	ug/L #	94
38) Bromodichloromethane	9.646	83	64293	26.377	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	70589	26.018	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	46853	57.123	ug/L #	85
42) Toluene	10.384	91	231336	25.735	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	60824	26.786	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	38524	25.987	ug/L	94
46) Tetrachloroethene	10.860	164	54160	23.554	ug/L	96
48) 2-Hexanone	10.969	43	31649	56.396	ug/L #	89
49) Dibromochloromethane	11.128	129	50322	26.940	ug/L	91
50) 1,2-Dibromoethane	11.238	107	39246	26.671	ug/L #	99
51) Chlorobenzene	11.652	112	154593	24.357	ug/L	91
52) Ethylbenzene	11.731	91	255205	25.557	ug/L	95
53) m,p-Xylene	11.835	106	106020	25.390	ug/L	89
54) o-Xylene	12.164	106	100329	25.881	ug/L	89
55) Styrene	12.176	104	166186	25.967	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	43166	27.063	ug/L #	96
59) Bromoform	12.347	173	27098	26.862	ug/L #	98
60) Isopropylbenzene	12.463	105	278135	27.604	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	31008	29.325	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.938	105	230030	27.569	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	224539	27.287	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	131726	26.003	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	127195	25.430	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	115117	25.954	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6479	31.729	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.621	180	91013	24.172	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	75540	25.179	ug/L	96
71) Naphthalene	15.365	128	133294	28.802	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	64858	26.179	ug/L	98

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

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