

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111022\
 Data File : VW025031.D
 Acq On : 10 Nov 2022 08:08
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025491

Quant Time: Nov 10 23:50:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 10 00:20:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	269333	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	245316	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	127766	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	58074	19.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.840%
7) Chloroethane-d5	2.891	69	38357	21.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.640%
11) 1,1-Dichloroethene-d2	4.019	63	174765	23.208	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.840%
21) 2-Butanone-d5	7.080	46	39054	38.277	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.560%
24) Chloroform-d	7.647	84	203656	24.916	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.680%
26) 1,2-Dichloroethane-d4	8.305	65	105778	23.119	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.480%
32) Benzene-d6	8.275	84	371911	23.653	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	9.274	67	104622	22.708	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.840%
41) Toluene-d8	10.323	98	343091	23.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.760%
43) trans-1,3-Dichloroprop...	10.579	79	45674	22.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.440%
47) 2-Hexanone-d5	10.920	63	31913	40.099	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	78835	21.430	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.720%
66) 1,2-Dichlorobenzene-d4	13.847	152	116307	23.688	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	18156	20.211	ug/L	99
3) Chloromethane	2.215	50	43531	20.147	ug/L	100
5) Vinyl chloride	2.361	62	67516	22.615	ug/L	99
6) Bromomethane	2.782	94	34329	23.042	ug/L	97
8) Chloroethane	2.922	64	29982	24.075	ug/L	99
9) Trichlorofluoromethane	3.263	101	65909	26.317	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	91196	25.714	ug/L	97
12) 1,1-Dichloroethene	4.037	96	83886	25.108	ug/L	97
13) Acetone	4.117	43	34977	48.256	ug/L	93
14) Carbon disulfide	4.385	76	229699	23.536	ug/L	97
15) Methyl Acetate	4.672	43	26739	18.529	ug/L	99
16) Methylene chloride	4.921	84	85754	17.932	ug/L	95
17) trans-1,2-Dichloroethene	5.427	96	87364	24.421	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	134938	22.486	ug/L	98
19) 1,1-Dichloroethane	6.214	63	161106	24.324	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	95565	24.509	ug/L	97
22) 2-Butanone	7.171	43	40752	37.527	ug/L	98
23) Bromochloromethane	7.512	128	40322	23.854	ug/L	91
25) Chloroform	7.677	83	180056	25.758	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	114489	24.146	ug/L	98
29) Cyclohexane	7.958	56	140285	24.218	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	162968	27.146	ug/L	100
31) Carbon tetrachloride	8.073	117	154100	28.726	ug/L	97
33) Benzene	8.323	78	367307	24.864	ug/L	100
34) Trichloroethene	9.091	95	101440	25.939	ug/L	99
35) Methylcyclohexane	9.335	83	166366	25.037	ug/L	99
37) 1,2-Dichloropropane	9.366	63	84966	23.697	ug/L	99
38) Bromodichloromethane	9.646	83	129192	25.817	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	141623	24.985	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	81623	38.793	ug/L	98
42) Toluene	10.384	91	395614	25.225	ug/L	92
44) trans-1,3-Dichloropropene	10.603	75	122601	24.330	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	63380	23.412	ug/L	97
46) Tetrachloroethene	10.859	164	76477	27.345	ug/L	94
48) 2-Hexanone	10.969	43	60346	41.471	ug/L	98
49) Dibromochloromethane	11.128	129	82220	24.915	ug/L	96
50) 1,2-Dibromoethane	11.231	107	58704	22.928	ug/L #	96
51) Chlorobenzene	11.658	112	256567	25.238	ug/L	96
52) Ethylbenzene	11.731	91	465402	25.708	ug/L	98
53) m,p-Xylene	11.835	106	181680	25.926	ug/L	98
54) o-Xylene	12.164	106	172268	26.057	ug/L	97
55) Styrene	12.176	104	297620	25.919	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	71567	22.037	ug/L	97
59) Bromoform	12.347	173	43495	24.069	ug/L #	98
60) Isopropylbenzene	12.463	105	497191	25.883	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	53262	20.750	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	433178	25.978	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	429532	26.269	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	202236	25.243	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	204515	25.583	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	180994	25.126	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	12841	21.647	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	144792	27.286	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	115065	27.899	ug/L	97
71) Naphthalene	15.359	128	199445	22.923	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	93426	25.998	ug/L	99

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

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