

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062122\
 Data File : VW023497.D
 Acq On : 21 Jun 2022 08:16
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

Quant Time: Jun 22 01:01:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 17 23:30:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	356470	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	343796	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	188819	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	109509	19.337	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.360%
7) Chloroethane-d5	2.885	69	84696	20.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	4.019	63	180584	22.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.360%
21) 2-Butanone-d5	7.080	46	53082	45.907	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.820%
24) Chloroform-d	7.647	84	225694	23.000	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	8.305	65	114262	21.620	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.480%
32) Benzene-d6	8.275	84	395263	21.683	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.720%
36) 1,2-Dichloropropane-d6	9.274	67	122695	22.846	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.400%
41) Toluene-d8	10.323	98	384884	21.616	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.480%
43) trans-1,3-Dichloroprop...	10.579	79	52711	21.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.000%
47) 2-Hexanone-d5	10.926	63	42232	49.212	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.420%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	115989	23.124	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	153023	22.450	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	38203	29.392	ug/L	92
3) Chloromethane	2.215	50	124082	28.859	ug/L	100
5) Vinyl chloride	2.361	62	183575	27.395	ug/L	98
6) Bromomethane	2.782	94	96476	25.438	ug/L	96
8) Chloroethane	2.922	64	94432	26.602	ug/L	100
9) Trichlorofluoromethane	3.257	101	99750	33.006	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	130594	29.973	ug/L	96
12) 1,1-Dichloroethene	4.037	96	112874	29.080	ug/L	92
13) Acetone	4.123	43	45541	54.667	ug/L	98
14) Carbon disulfide	4.385	76	307622	25.764	ug/L	99
15) Methyl Acetate	4.672	43	47083	25.314	ug/L	97
16) Methylene chloride	4.915	84	124134	25.730	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	125670	27.346	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	191122	27.631	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	228442	27.751	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	138589	27.576	ug/L #	96
22) 2-Butanone	7.171	43	66672	52.287	ug/L	100
23) Bromochloromethane	7.519	128	63868	27.586	ug/L	95
25) Chloroform	7.677	83	259029	27.884	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	161381	26.268	ug/L	99
29) Cyclohexane	7.957	56	191363	27.635	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	223724	28.113	ug/L	99
31) Carbon tetrachloride	8.067	117	204673	27.917	ug/L	100
33) Benzene	8.323	78	538566	27.118	ug/L	100
34) Trichloroethene	9.091	95	145291	27.294	ug/L	96
35) Methylcyclohexane	9.335	83	233159	27.055	ug/L	96
37) 1,2-Dichloropropane	9.366	63	132339	27.267	ug/L	100
38) Bromodichloromethane	9.646	83	185621	27.193	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	205236	27.595	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	140857	50.884	ug/L	99
42) Toluene	10.384	91	612663	27.611	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	181807	27.091	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	105174	26.381	ug/L	98
46) Tetrachloroethene	10.859	164	116243	28.287	ug/L	93
48) 2-Hexanone	10.969	43	102224	54.642	ug/L	97
49) Dibromochloromethane	11.128	129	127711	27.353	ug/L	93
50) 1,2-Dibromoethane	11.237	107	100819	27.052	ug/L	97
51) Chlorobenzene	11.658	112	403129	26.920	ug/L	97
52) Ethylbenzene	11.731	91	690925	27.397	ug/L	99
53) m,p-Xylene	11.841	106	270575	27.567	ug/L	97
54) o-Xylene	12.164	106	263936	28.140	ug/L	99
55) Styrene	12.176	104	456879	28.015	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	127830	26.403	ug/L	95
59) Bromoform	12.347	173	72957	27.183	ug/L	99
60) Isopropylbenzene	12.463	105	728300	26.946	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	90256	25.122	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	601583	27.215	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	608973	27.530	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	325664	27.161	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	336162	27.457	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	292480	26.632	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18684	23.552	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.627	180	219550	28.023	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	177381	29.076	ug/L	99
71) Naphthalene	15.365	128	340624	28.383	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	153525	28.948	ug/L	98

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

