

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071321\
 Data File : VW019460.D
 Acq On : 13 Jul 2021 09:47
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025489

Quant Time: Jul 14 02:03:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 13 04:35:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	495308	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	463698	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	227485	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	184921	26.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.400%
7) Chloroethane-d5	2.897	69	129613	25.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	4.025	63	349896	25.840	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.360%
21) 2-Butanone-d5	7.086	46	87967	43.187	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.380%
24) Chloroform-d	7.646	84	341121	24.925	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.720%
26) 1,2-Dichloroethane-d4	8.305	65	178683	23.791	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.160%
32) Benzene-d6	8.274	84	690307	25.009	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.040%
36) 1,2-Dichloropropane-d6	9.274	67	208590	24.246	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.000%
41) Toluene-d8	10.323	98	626196	25.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.640%
43) trans-1,3-Dichloroprop...	10.579	79	89344	24.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.000%
47) 2-Hexanone-d5	10.926	63	73718	46.187	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.380%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	163438	23.511	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	205388	25.589	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	141043	23.905	ug/L	97
3) Chloromethane	2.215	50	141476	23.367	ug/L	98
5) Vinyl chloride	2.367	62	228897	27.468	ug/L	96
6) Bromomethane	2.788	94	124601	27.043	ug/L	99
8) Chloroethane	2.928	64	122776	27.681	ug/L	98
9) Trichlorofluoromethane	3.263	101	133888	26.449	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	174565	26.959	ug/L	96
12) 1,1-Dichloroethene	4.043	96	180411	27.900	ug/L	97
13) Acetone	4.147	43	79294	52.832	ug/L	87
14) Carbon disulfide	4.391	76	575483	27.792	ug/L	99
15) Methyl Acetate	4.678	43	79823	23.896	ug/L	100
16) Methylene chloride	4.921	84	206155	20.878	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	190362	27.071	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	251295	25.866	ug/L	95
19) 1,1-Dichloroethane	6.220	63	345920	26.793	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	197717	26.584	ug/L	90
22) 2-Butanone	7.177	43	114228	49.186	ug/L	96
23) Bromochloromethane	7.518	128	88347	26.376	ug/L	96
25) Chloroform	7.677	83	343405	26.889	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071321\
 Data File : VW019460.D
 Acq On : 13 Jul 2021 09:47
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025489

Quant Time: Jul 14 02:03:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 13 04:35:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	222638	25.911	ug/L	97
29) Cyclohexane	7.957	56	313717	26.382	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	270145	28.228	ug/L	98
31) Carbon tetrachloride	8.067	117	245280	27.547	ug/L	99
33) Benzene	8.323	78	791399	27.267	ug/L	100
34) Trichloroethene	9.091	95	198021	26.732	ug/L	94
35) Methylcyclohexane	9.335	83	337278	25.729	ug/L	95
37) 1,2-Dichloropropane	9.372	63	196157	26.669	ug/L	99
38) Bromodichloromethane	9.646	83	243884	26.741	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	300006	26.671	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	228996	49.328	ug/L	97
42) Toluene	10.390	91	827272	27.347	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	261307	26.411	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	142930	26.117	ug/L	96
46) Tetrachloroethene	10.859	164	152892	27.081	ug/L	95
48) 2-Hexanone	10.969	43	163103	51.586	ug/L	95
49) Dibromochloromethane	11.128	129	155990	26.504	ug/L	94
50) 1,2-Dibromoethane	11.237	107	134654	25.653	ug/L #	99
51) Chlorobenzene	11.658	112	505141	26.555	ug/L	99
52) Ethylbenzene	11.731	91	876034	26.600	ug/L	99
53) m,p-Xylene	11.841	106	336185	27.011	ug/L	99
54) o-Xylene	12.164	106	320743	27.271	ug/L	96
55) Styrene	12.182	104	559546	27.458	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	171559	25.455	ug/L	98
59) Bromoform	12.347	173	87663	26.998	ug/L	97
60) Isopropylbenzene	12.463	105	845980	27.671	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	128814	25.849	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	706840	27.613	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	719625	27.900	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	371613	26.562	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	378124	27.352	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	342463	27.172	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	26281	24.167	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	274467	26.849	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	215024	25.159	ug/L	99
71) Naphthalene	15.365	128	446599	25.873	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	196578	25.684	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071321\
Data File : VW019460.D
Acq On : 13 Jul 2021 09:47
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

Quant Time: Jul 14 02:03:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 13 04:35:18 2021
Response via : Initial Calibration

