

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072122\
 Data File : VW023966.D
 Acq On : 21 Jul 2022 08:18
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025500

Quant Time: Jul 22 01:25:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 21 00:18:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	289776	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	288518	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167279	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	139829	18.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.560%
7) Chloroethane-d5	2.873	69	97694	19.786	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.160%
11) 1,1-Dichloroethene-d2	4.007	63	155144	25.743	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.960%
21) 2-Butanone-d5	7.080	46	59503	51.832	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.660%
24) Chloroform-d	7.647	84	224682	26.631	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.520%
26) 1,2-Dichloroethane-d4	8.305	65	120822	23.415	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.680%
32) Benzene-d6	8.275	84	409939	27.333	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.320%
36) 1,2-Dichloropropane-d6	9.268	67	121729	26.945	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.760%
41) Toluene-d8	10.323	98	387706	25.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.960%
43) trans-1,3-Dichloroprop...	10.579	79	52142	24.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.480%
47) 2-Hexanone-d5	10.927	63	51332	54.035	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.060%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	131504	26.340	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	156624	26.229	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	55234	28.049	ug/L	93
3) Chloromethane	2.209	50	105643	21.907	ug/L	99
5) Vinyl chloride	2.355	62	167190	20.190	ug/L	99
6) Bromomethane	2.770	94	96753	18.064	ug/L	99
8) Chloroethane	2.910	64	73714	19.027	ug/L	97
9) Trichlorofluoromethane	3.245	101	90420	24.021	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	103826	28.185	ug/L	99
12) 1,1-Dichloroethene	4.032	96	83581	27.210	ug/L	82
13) Acetone	4.123	43	39151	48.237	ug/L	97
14) Carbon disulfide	4.379	76	201494	22.299	ug/L	100
15) Methyl Acetate	4.672	43	43419	23.902	ug/L	97
16) Methylene chloride	4.909	84	99430	21.943	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	96617	25.924	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	147286	25.544	ug/L #	87
19) 1,1-Dichloroethane	6.208	63	182972	26.615	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	110574	26.780	ug/L #	93
22) 2-Butanone	7.165	43	61231	45.906	ug/L	97
23) Bromochloromethane	7.507	128	53460	26.953	ug/L	90
25) Chloroform	7.671	83	212165	26.789	ug/L	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	138608	23.779	ug/L	100
29) Cyclohexane	7.952	56	136862	25.937	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	174021	27.856	ug/L	98
31) Carbon tetrachloride	8.061	117	156963	27.873	ug/L	99
33) Benzene	8.324	78	435031	26.533	ug/L	100
34) Trichloroethene	9.092	95	113110	26.125	ug/L	97
35) Methylcyclohexane	9.336	83	173924	26.381	ug/L	97
37) 1,2-Dichloropropane	9.366	63	111096	27.028	ug/L	99
38) Bromodichloromethane	9.640	83	157178	27.398	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	169318	27.329	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	144130	50.389	ug/L	98
42) Toluene	10.384	91	502400	26.869	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	154657	26.264	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	92866	25.838	ug/L	99
46) Tetrachloroethene	10.860	164	90408	27.006	ug/L	97
48) 2-Hexanone	10.963	43	106047	50.922	ug/L	97
49) Dibromochloromethane	11.128	129	116421	27.931	ug/L	96
50) 1,2-Dibromoethane	11.232	107	89216	25.837	ug/L #	97
51) Chlorobenzene	11.652	112	331685	26.302	ug/L	96
52) Ethylbenzene	11.731	91	567458	26.706	ug/L	96
53) m,p-Xylene	11.835	106	224496	27.080	ug/L	100
54) o-Xylene	12.164	106	217988	27.380	ug/L	91
55) Styrene	12.176	104	390570	27.769	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	123784	25.249	ug/L #	98
59) Bromoform	12.347	173	64547	26.168	ug/L	97
60) Isopropylbenzene	12.463	105	594697	26.466	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86712	23.641	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	480903	26.141	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	501062	27.242	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	275240	26.978	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	285483	26.302	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	258434	26.859	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17964	21.234	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.627	180	184468	27.317	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	140147	26.877	ug/L	98
71) Naphthalene	15.365	128	302021	27.001	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	131707	27.099	ug/L	100

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

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