

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023769.D
 Acq On : 16 Jul 2022 01:07
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025488

Quant Time: Jul 16 01:26:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 15 22:15:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	178908	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	187066	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	110077	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	133782	29.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.120%
7) Chloroethane-d5	2.879	69	77817	25.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.120%
11) 1,1-Dichloroethene-d2	4.013	63	76454	20.547	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.200%
21) 2-Butanone-d5	7.080	46	34231	48.296	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.600%
24) Chloroform-d	7.647	84	133622	25.653	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	8.305	65	79362	24.911	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.640%
32) Benzene-d6	8.269	84	248151	25.519	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.080%
36) 1,2-Dichloropropane-d6	9.268	67	76310	26.052	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.200%
41) Toluene-d8	10.323	98	253213	25.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.680%
43) trans-1,3-Dichloroprop...	10.579	79	32912	23.971	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.880%
47) 2-Hexanone-d5	10.921	63	31594	51.294	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.580%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	85083	26.284	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	93526	23.801	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	19140	15.743	ug/L	98
3) Chloromethane	2.215	50	65155	21.884	ug/L	99
5) Vinyl chloride	2.349	62	131119	25.646	ug/L	93
6) Bromomethane	2.770	94	76950	23.269	ug/L	98
8) Chloroethane	2.910	64	51368	21.476	ug/L	96
9) Trichlorofluoromethane	3.245	101	55936	24.069	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	45901	20.182	ug/L #	63
12) 1,1-Dichloroethene	4.032	96	37686	19.871	ug/L	96
13) Acetone	4.117	43	20288	40.486	ug/L	99
14) Carbon disulfide	4.379	76	103605	18.571	ug/L	98
15) Methyl Acetate	4.666	43	24273	21.643	ug/L	98
16) Methylene chloride	4.915	84	59406	21.235	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	49183	21.375	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	82662	23.221	ug/L	97
19) 1,1-Dichloroethane	6.208	63	96773	22.800	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	56454	22.146	ug/L #	99
22) 2-Butanone	7.171	43	34530	41.930	ug/L	98
23) Bromochloromethane	7.507	128	29180	23.828	ug/L	95
25) Chloroform	7.677	83	115057	23.530	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	86136	23.935	ug/L	96
29) Cyclohexane	7.958	56	71936	21.026	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	90355	22.308	ug/L	99
31) Carbon tetrachloride	8.067	117	82408	22.570	ug/L	97
33) Benzene	8.323	78	245830	23.125	ug/L	100
34) Trichloroethene	9.092	95	60311	21.485	ug/L	94
35) Methylcyclohexane	9.335	83	89724	20.990	ug/L	99
37) 1,2-Dichloropropane	9.366	63	63834	23.952	ug/L	98
38) Bromodichloromethane	9.646	83	91139	24.502	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	90364	22.496	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	92992	50.142	ug/L	97
42) Toluene	10.384	91	291558	24.049	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	88629	23.214	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	54516	23.394	ug/L	97
46) Tetrachloroethene	10.860	164	49444	22.779	ug/L	95
48) 2-Hexanone	10.969	43	71446	52.913	ug/L	96
49) Dibromochloromethane	11.122	129	66745	24.698	ug/L	95
50) 1,2-Dibromoethane	11.231	107	52014	23.233	ug/L #	93
51) Chlorobenzene	11.652	112	194052	23.733	ug/L	95
52) Ethylbenzene	11.731	91	325857	23.653	ug/L	97
53) m,p-Xylene	11.835	106	126438	23.523	ug/L	94
54) o-Xylene	12.164	106	127546	24.708	ug/L	96
55) Styrene	12.176	104	236641	25.949	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	76880	24.187	ug/L	100
59) Bromoform	12.347	173	39699	24.458	ug/L	95
60) Isopropylbenzene	12.463	105	349500	23.636	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	54640	22.638	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	286745	23.686	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	287679	23.768	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	153994	22.937	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	159968	22.396	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	151106	23.865	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	12028	21.606	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.621	180	100441	22.603	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	76416	22.270	ug/L	99
71) Naphthalene	15.359	128	168783	22.931	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	71976	22.505	ug/L	99

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

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