

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082922\
 Data File : VW024453.D
 Acq On : 29 Aug 2022 17:51
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025554

Quant Time: Aug 29 22:58:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 29 22:53:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	296516	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	291824	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	163340	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	195882	23.965	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.840%
7) Chloroethane-d5	2.873	69	150631	24.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	4.013	63	182302	25.717	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.880%
21) 2-Butanone-d5	7.080	46	91152	60.546	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.100%
24) Chloroform-d	7.647	84	266568	27.963	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.840%
26) 1,2-Dichloroethane-d4	8.305	65	159536	27.597	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	8.269	84	475969	28.467	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.880%
36) 1,2-Dichloropropane-d6	9.275	67	153238	29.469	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.880%
41) Toluene-d8	10.323	98	428650	26.964	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.840%
43) trans-1,3-Dichloroprop...	10.573	79	65682	26.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.960%
47) 2-Hexanone-d5	10.921	63	76403	65.659	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.320%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	171207	29.081	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	172491	28.043	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	66074	22.248	ug/L	99
3) Chloromethane	2.209	50	152939	27.563	ug/L	99
5) Vinyl chloride	2.349	62	245221	25.281	ug/L	99
6) Bromomethane	2.763	94	148962	21.879	ug/L	98
8) Chloroethane	2.910	64	130250	25.706	ug/L	99
9) Trichlorofluoromethane	3.245	101	74415	16.315	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	114802	26.241	ug/L	97
12) 1,1-Dichloroethene	4.032	96	98179	27.720	ug/L	96
13) Acetone	4.117	43	48344	53.809	ug/L	100
14) Carbon disulfide	4.373	76	304688	25.885	ug/L	98
15) Methyl Acetate	4.672	43	60613	27.578	ug/L	95
16) Methylene chloride	4.909	84	123068	24.747	ug/L	92
17) trans-1,2-Dichloroethene	5.415	96	116451	27.778	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	216677	31.566	ug/L	96
19) 1,1-Dichloroethane	6.214	63	215932	27.239	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	133992	29.064	ug/L	95
22) 2-Butanone	7.177	43	84604	52.780	ug/L	99
23) Bromochloromethane	7.513	128	61416	27.282	ug/L	94
25) Chloroform	7.677	83	243250	27.656	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	173418	27.087	ug/L #	95
29) Cyclohexane	7.952	56	175813	27.945	ug/L	96
30) 1,1,1-Trichloroethane	7.866	97	183616	26.688	ug/L	96
31) Carbon tetrachloride	8.067	117	161745	25.697	ug/L	98
33) Benzene	8.323	78	521121	28.682	ug/L	100
34) Trichloroethene	9.092	95	131458	27.452	ug/L	96
35) Methylcyclohexane	9.335	83	211196	27.488	ug/L	98
37) 1,2-Dichloropropane	9.366	63	128097	27.319	ug/L	98
38) Bromodichloromethane	9.640	83	180731	28.304	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	184753	28.188	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	190862	57.244	ug/L	98
42) Toluene	10.384	91	578471	28.850	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	170858	26.827	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	110562	28.916	ug/L	96
46) Tetrachloroethene	10.860	164	97655	26.258	ug/L	97
48) 2-Hexanone	10.969	43	138895	56.477	ug/L	96
49) Dibromochloromethane	11.128	129	130494	28.855	ug/L	96
50) 1,2-Dibromoethane	11.231	107	109214	29.710	ug/L	91
51) Chlorobenzene	11.658	112	380121	28.244	ug/L	98
52) Ethylbenzene	11.725	91	640627	28.898	ug/L	96
53) m,p-Xylene	11.835	106	249408	28.648	ug/L	98
54) o-Xylene	12.164	106	239318	29.405	ug/L	99
55) Styrene	12.176	104	432633	30.073	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	145675	27.295	ug/L	100
59) Bromoform	12.347	173	72973	27.839	ug/L	99
60) Isopropylbenzene	12.463	105	651889	30.049	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	104461	28.280	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	546377	31.234	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	546520	32.164	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	290091	27.967	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	301953	27.573	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	280014	28.799	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	22059	23.770	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	171572	25.627	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	140093	26.918	ug/L	94
71) Naphthalene	15.365	128	361985	31.670	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	138594	28.177	ug/L	99

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

