

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
 Data File : VW024943.D
 Acq On : 19 Oct 2022 17:33
 Operator : SY/VA
 Sample : N4757-05MS
 Misc : 5.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBWK1MS

Quant Time: Oct 20 02:01:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 20 01:56:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	464906	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	399417	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	160997	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	114738	20.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.680%
7) Chloroethane-d5	2.879	69	70898	22.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.320%
11) 1,1-Dichloroethene-d2	4.019	63	265692	22.280	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.120%
21) 2-Butanone-d5	7.080	46	88682	51.029	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.060%
24) Chloroform-d	7.647	84	305706	23.313	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	8.305	65	159030	23.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.680%
32) Benzene-d6	8.274	84	609088	24.318	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.280%
36) 1,2-Dichloropropane-d6	9.274	67	186154	24.232	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.920%
41) Toluene-d8	10.323	98	533855	23.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	10.573	79	72154	24.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.080%
47) 2-Hexanone-d5	10.920	63	70465	54.711	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.420%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	144781	24.167	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	128244	21.797	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	44805	21.541	ug/L	99
3) Chloromethane	2.221	50	110341	22.777	ug/L	98
5) Vinyl chloride	2.361	62	159804	24.179	ug/L	99
6) Bromomethane	2.775	94	74527	23.216	ug/L	99
8) Chloroethane	2.916	64	63539	23.073	ug/L	98
9) Trichlorofluoromethane	3.257	101	86109	26.339	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	150314	22.582	ug/L	98
12) 1,1-Dichloroethene	4.043	96	149306	23.705	ug/L	85
13) Acetone	4.123	43	97528	80.197	ug/L	97
14) Carbon disulfide	4.385	76	465111	22.607	ug/L	98
15) Methyl Acetate	4.671	43	66539	22.482	ug/L	100
16) Methylene chloride	4.921	84	179964	21.924	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	163447	23.840	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	247315	24.274	ug/L	99
19) 1,1-Dichloroethane	6.214	63	298020	23.495	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	172225	23.243	ug/L	98
22) 2-Butanone	7.171	43	115804	57.082	ug/L	99
23) Bromochloromethane	7.512	128	72331	23.865	ug/L	88
25) Chloroform	7.677	83	292092	23.461	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	185690	23.065	ug/L	100
29) Cyclohexane	7.957	56	263596	22.724	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	235745	25.664	ug/L	99
31) Carbon tetrachloride	8.067	117	204375	25.340	ug/L	96
33) Benzene	8.323	78	668472	24.600	ug/L	100
34) Trichloroethene	9.091	95	164368	24.019	ug/L	98
35) Methylcyclohexane	9.335	83	238901	19.398	ug/L	98
37) 1,2-Dichloropropane	9.366	63	164918	24.353	ug/L	100
38) Bromodichloromethane	9.646	83	206795	24.715	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	242352	24.759	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	203873	50.936	ug/L	99
42) Toluene	10.384	91	666046	23.907	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	204561	25.171	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	116415	24.611	ug/L	97
46) Tetrachloroethene	10.859	164	104692	22.500	ug/L	91
48) 2-Hexanone	10.969	43	157402	58.000	ug/L	99
49) Dibromochloromethane	11.128	129	128561	24.552	ug/L	99
50) 1,2-Dibromoethane	11.231	107	108101	24.259	ug/L	94
51) Chlorobenzene	11.658	112	393584	22.477	ug/L	96
52) Ethylbenzene	11.725	91	704942	22.596	ug/L	99
53) m,p-Xylene	11.835	106	266147	22.454	ug/L	98
54) o-Xylene	12.164	106	256207	22.702	ug/L	98
55) Styrene	12.176	104	426098	22.013	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	136070	23.578	ug/L	99
59) Bromoform	12.347	173	62420	28.975	ug/L #	99
60) Isopropylbenzene	12.463	105	653996	25.183	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	100245	28.318	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	540430	24.238	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	518355	24.112	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	237228	22.430	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	228697	21.362	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	208307	22.158	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	21897	28.458	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	100251	14.518	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	67785	12.098	ug/L	98
71) Naphthalene	15.359	128	218931	18.034	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	51466	10.762	ug/L	98

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

