

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023882.D
 Acq On : 19 Jul 2022 14:17
 Operator : SY/VA
 Sample : N3709-11MSD
 Misc : 7.50g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B25MSD

Quant Time: Jul 20 01:20:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 01:17:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	318617	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	290376	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	138951	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	153911	18.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.640%
7) Chloroethane-d5	2.879	69	100152	18.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	4.013	63	168745	25.465	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.840%
21) 2-Butanone-d5	7.080	46	73042	57.867	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.740%
24) Chloroform-d	7.647	84	233471	25.168	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.680%
26) 1,2-Dichloroethane-d4	8.305	65	130405	22.985	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.920%
32) Benzene-d6	8.275	84	430657	28.530	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.120%
36) 1,2-Dichloropropane-d6	9.274	67	133385	29.336	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.360%
41) Toluene-d8	10.323	98	401929	26.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	10.579	79	53792	25.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.960%
47) 2-Hexanone-d5	10.927	63	61995	64.842	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.680%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	134207	26.709	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	128313	25.868	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	73197	33.806	ug/L	97
3) Chloromethane	2.215	50	113857	21.473	ug/L	99
5) Vinyl chloride	2.355	62	167890	18.439	ug/L	100
6) Bromomethane	2.769	94	86562	14.698	ug/L	99
8) Chloroethane	2.916	64	77012	18.079	ug/L	95
9) Trichlorofluoromethane	3.245	101	78996	19.087	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	107690	26.587	ug/L	98
12) 1,1-Dichloroethene	4.031	96	90931	26.923	ug/L	94
13) Acetone	4.123	43	65780	73.709	ug/L	98
14) Carbon disulfide	4.385	76	211230	21.261	ug/L	100
15) Methyl Acetate	4.672	43	55256	27.665	ug/L	99
16) Methylene chloride	4.915	84	118910	23.867	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	99117	24.188	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	183118	28.884	ug/L	98
19) 1,1-Dichloroethane	6.214	63	194518	25.733	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	117845	25.958	ug/L #	92
22) 2-Butanone	7.171	43	81835	55.799	ug/L	99
23) Bromochloromethane	7.506	128	61529	28.213	ug/L	93
25) Chloroform	7.677	83	222650	25.568	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	150239	23.441	ug/L	100
29) Cyclohexane	7.951	56	134216	25.272	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	176484	28.070	ug/L	98
31) Carbon tetrachloride	8.067	117	153087	27.011	ug/L	95
33) Benzene	8.323	78	461118	27.944	ug/L	100
34) Trichloroethene	9.091	95	115527	26.513	ug/L	98
35) Methylcyclohexane	9.335	83	136692	20.601	ug/L	96
37) 1,2-Dichloropropane	9.366	63	114588	27.699	ug/L	99
38) Bromodichloromethane	9.640	83	165412	28.649	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	169980	27.261	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	177664	61.715	ug/L	96
42) Toluene	10.384	91	489843	26.029	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	155958	26.315	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	102416	28.313	ug/L	99
46) Tetrachloroethene	10.859	164	84388	25.046	ug/L	92
48) 2-Hexanone	10.969	43	129294	61.687	ug/L	98
49) Dibromochloromethane	11.128	129	123853	29.524	ug/L	99
50) 1,2-Dibromoethane	11.231	107	97008	27.914	ug/L #	99
51) Chlorobenzene	11.652	112	311327	24.529	ug/L	99
52) Ethylbenzene	11.731	91	518512	24.246	ug/L	99
53) m,p-Xylene	11.835	106	200860	24.074	ug/L	98
54) o-Xylene	12.164	106	203019	25.337	ug/L	93
55) Styrene	12.176	104	338450	23.909	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	129728	26.292	ug/L	98
59) Bromoform	12.347	173	70019	34.174	ug/L #	99
60) Isopropylbenzene	12.463	105	512057	27.434	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	96715	31.743	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	402984	26.371	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	404038	26.445	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	210643	24.856	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	218875	24.276	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	206785	25.872	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	20853	29.674	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.621	180	99608	17.757	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	77844	17.972	ug/L	95
71) Naphthalene	15.365	128	233218	25.101	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	67847	16.805	ug/L	98

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

