

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082322\
 Data File : VW024314.D
 Acq On : 23 Aug 2022 19:53
 Operator : SY/VA
 Sample : N4322-03MSD
 Misc : 4.84g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EY163MSD

Quant Time: Aug 24 01:10:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 24 01:06:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	221026	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	186467	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	66168	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	105515	22.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.360%
7) Chloroethane-d5	2.873	69	83073	28.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.480%
11) 1,1-Dichloroethene-d2	4.013	63	104477	19.843	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.360%
21) 2-Butanone-d5	7.080	46	46055	53.582	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.160%
24) Chloroform-d	7.647	84	182635	27.309	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.240%
26) 1,2-Dichloroethane-d4	8.305	65	100822	27.154	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	8.269	84	320870	29.178	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.720%
36) 1,2-Dichloropropane-d6	9.275	67	103824	31.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.920%#
41) Toluene-d8	10.323	98	272003	26.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.840%
43) trans-1,3-Dichloroprop...	10.579	79	35534	24.986	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.960%
47) 2-Hexanone-d5	10.921	63	34825	58.068	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.140%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	98596	31.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.200%#
66) 1,2-Dichlorobenzene-d4	13.853	152	60973	25.181	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	51111	26.284	ug/L	99
3) Chloromethane	2.209	50	79359	21.761	ug/L	99
5) Vinyl chloride	2.349	62	144883	28.539	ug/L	99
6) Bromomethane	2.763	94	85733	29.453	ug/L	94
8) Chloroethane	2.910	64	73035	32.843	ug/L	96
9) Trichlorofluoromethane	3.245	101	58491	24.305	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	70825	21.821	ug/L #	67
12) 1,1-Dichloroethene	4.032	96	56908	21.417	ug/L	94
13) Acetone	4.123	43	38059	60.142	ug/L	96
14) Carbon disulfide	4.373	76	144882	17.039	ug/L	98
15) Methyl Acetate	4.672	43	34970	24.534	ug/L	96
16) Methylene chloride	4.903	84	96794	24.834	ug/L	91
17) trans-1,2-Dichloroethene	5.415	96	71192	23.200	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	143782	32.859	ug/L #	89
19) 1,1-Dichloroethane	6.208	63	162084	29.986	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	88126	26.150	ug/L #	99
22) 2-Butanone	7.165	43	63382	59.438	ug/L	97
23) Bromochloromethane	7.513	128	43385	25.850	ug/L	90
25) Chloroform	7.671	83	184175	30.921	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	121294	30.263	ug/L	99
29) Cyclohexane	7.952	56	117184	30.653	ug/L	96
30) 1,1,1-Trichloroethane	7.866	97	144232	34.299	ug/L	98
31) Carbon tetrachloride	8.061	117	118530	29.878	ug/L	97
33) Benzene	8.323	78	372329	33.808	ug/L	100
34) Trichloroethene	9.092	95	86382	29.675	ug/L	93
35) Methylcyclohexane	9.335	83	117488	25.738	ug/L	97
37) 1,2-Dichloropropane	9.366	63	97479	35.806	ug/L	100
38) Bromodichloromethane	9.646	83	129194	33.835	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	127120	31.739	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	134468	74.424	ug/L	97
42) Toluene	10.384	91	380032	32.473	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	107688	29.426	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	75924	33.088	ug/L	97
46) Tetrachloroethene	10.860	164	61015	25.891	ug/L	93
48) 2-Hexanone	10.963	43	93000	75.845	ug/L	96
49) Dibromochloromethane	11.128	129	82972	30.036	ug/L	94
50) 1,2-Dibromoethane	11.231	107	64817	29.483	ug/L #	97
51) Chlorobenzene	11.652	112	207115	25.902	ug/L	93
52) Ethylbenzene	11.725	91	389524	30.379	ug/L	98
53) m,p-Xylene	11.835	106	147009	29.454	ug/L	99
54) o-Xylene	12.164	106	143618	30.458	ug/L	98
55) Styrene	12.176	104	211030	25.733	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	91650	31.959	ug/L	96
59) Bromoform	12.347	173	41953	41.567	ug/L	98
60) Isopropylbenzene	12.463	105	380586	47.513	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	66251	50.311	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	285332	43.106	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	263815	40.468	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	110266	28.112	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	104195	25.086	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	105552	28.338	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	12014	39.050	ug/L	86
69) 1,3,5-Trichlorobenzene	14.627	180	47579	18.499	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	25598	12.428	ug/L	96
71) Naphthalene	15.365	128	55165	13.750	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	21724	11.585	ug/L	98

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

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