

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101923\
 Data File : VW027344.D
 Acq On : 19 Oct 2023 13:38
 Operator : SY/MD
 Sample : 04922-10MSD
 Misc : 6.48g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAS3MSD

Quant Time: Oct 20 02:49:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 20 02:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	405672	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	364013	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	161456	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	147822	23.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.520%
7) Chloroethane-d5	2.899	69	116002	26.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.360%
11) 1,1-Dichloroethene-d2	4.021	65	75495	24.336	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.360%
21) 2-Butanone-d5	7.075	46	120097	58.362	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.720%
24) Chloroform-d	7.648	84	319021	26.385	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.560%
26) 1,2-Dichloroethane-d4	8.307	65	176878	27.233	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.920%
32) Benzene-d6	8.276	84	648650	26.338	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.360%
36) 1,2-Dichloropropane-d6	9.270	67	205734	27.350	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.400%
41) Toluene-d8	10.319	98	554894	24.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	10.575	79	88619	25.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.360%
47) 2-Hexanone-d5	10.922	63	93642	60.168	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	164216	29.260	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	155870	26.640	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	93342	19.338	ug/L	# 80
3) Chloromethane	2.222	50	132976	23.972	ug/L	98
5) Vinyl chloride	2.375	62	142560	23.008	ug/L	98
6) Bromomethane	2.789	94	80404	22.782	ug/L	94
8) Chloroethane	2.936	64	84272	23.628	ug/L	99
9) Trichlorofluoromethane	3.265	101	114838	26.271	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	120067	21.935	ug/L	95
12) 1,1-Dichloroethene	4.045	96	123550	23.226	ug/L	93
13) Acetone	4.118	43	106217	59.762	ug/L	99
14) Carbon disulfide	4.387	76	351333	21.304	ug/L	100
15) Methyl Acetate	4.667	43	81645	26.895	ug/L	99
16) Methylene chloride	4.917	84	154924	20.863	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	133288	23.314	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	259443	26.303	ug/L	100
19) 1,1-Dichloroethane	6.216	63	284020	24.350	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	153415	23.762	ug/L	97
22) 2-Butanone	7.167	43	132745	49.898	ug/L	99
23) Bromochloromethane	7.514	128	63014	23.640	ug/L	85
25) Chloroform	7.679	83	270270	24.757	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	190938	25.748	ug/L	98
29) Cyclohexane	7.959	56	243620	22.042	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	218471	24.604	ug/L	98
31) Carbon tetrachloride	8.069	117	181983	22.729	ug/L	100
33) Benzene	8.325	78	585169	24.598	ug/L	100
34) Trichloroethene	9.087	95	150353	23.926	ug/L	91
35) Methylcyclohexane	9.331	83	214327	19.072	ug/L	99
37) 1,2-Dichloropropane	9.368	63	162811	25.311	ug/L	99
38) Bromodichloromethane	9.642	83	194058	24.535	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	260082	24.477	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	245574	55.514	ug/L	100
42) Toluene	10.386	91	601432	24.100	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	217804	24.293	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	117658	26.581	ug/L	96
46) Tetrachloroethene	10.861	164	97264	22.416	ug/L	94
48) 2-Hexanone	10.965	43	187673	57.320	ug/L	100
49) Dibromochloromethane	11.129	129	120826	24.579	ug/L	99
50) 1,2-Dibromoethane	11.233	107	106960	24.923	ug/L #	99
51) Chlorobenzene	11.654	112	361439	23.128	ug/L	95
52) Ethylbenzene	11.727	91	672348	23.184	ug/L	95
53) m,p-Xylene	11.837	106	252129	22.922	ug/L	99
54) o-Xylene	12.166	106	238384	22.632	ug/L	99
55) Styrene	12.178	104	416947	23.178	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	142447	26.362	ug/L	96
59) Bromoform	12.349	173	61507	25.601	ug/L	98
60) Isopropylbenzene	12.458	105	638699	25.182	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	108175	30.685	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	493051	23.304	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	499541	24.132	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	240494	23.382	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	249165	24.258	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	218597	23.951	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	24018	27.260	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	119291	17.866	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	102233	17.989	ug/L	99
71) Naphthalene	15.360	128	292797	25.054	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	86420	18.493	ug/L	94

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

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