

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032123\
 Data File : VW025462.D
 Acq On : 21 Mar 2023 12:41
 Operator : SY/MD
 Sample : 01977-17MSD
 Misc : 5.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYGA2MSD

Quant Time: Mar 22 01:32:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 22 01:30:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	780295	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	588290	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	190457	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	247030	19.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.160%
7) Chloroethane-d5	2.893	69	202903	21.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.920%
11) 1,1-Dichloroethene-d2	4.027	63	524110	20.916	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.680%
21) 2-Butanone-d5	7.075	46	296897	93.230	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	186.460%#
24) Chloroform-d	7.648	84	556533	24.741	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.960%
26) 1,2-Dichloroethane-d4	8.307	65	329112	27.258	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.040%
32) Benzene-d6	8.276	84	1086947	27.040	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.160%
36) 1,2-Dichloropropane-d6	9.276	67	365938	29.427	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.720%
41) Toluene-d8	10.325	98	876711	24.737	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.960%
43) trans-1,3-Dichloroprop...	10.574	79	127769	25.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.200%
47) 2-Hexanone-d5	10.922	63	193956	108.465	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	216.940%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	349234	38.333	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	153.320%#
66) 1,2-Dichlorobenzene-d4	13.854	152	192264	27.146	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	198384	22.247	ug/L	97
3) Chloromethane	2.228	50	255842	24.123	ug/L	97
5) Vinyl chloride	2.375	62	271447	22.655	ug/L	99
6) Bromomethane	2.789	94	148443	23.238	ug/L	99
8) Chloroethane	2.936	64	167837	24.372	ug/L	95
9) Trichlorofluoromethane	3.271	101	207819	20.039	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	240272	23.890	ug/L	99
12) 1,1-Dichloroethene	4.045	96	219684	22.577	ug/L #	86
13) Acetone	4.118	43	198229	64.752	ug/L	100
14) Carbon disulfide	4.393	76	665531	21.998	ug/L	99
15) Methyl Acetate	4.667	43	205845	35.843	ug/L	98
16) Methylene chloride	4.923	84	265213	24.409	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	234205	22.960	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	507713	33.062	ug/L	94
19) 1,1-Dichloroethane	6.222	63	516796	24.466	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	267651	23.966	ug/L	94
22) 2-Butanone	7.167	43	290767	73.423	ug/L	98
23) Bromochloromethane	7.520	128	123181	25.649	ug/L	95
25) Chloroform	7.673	83	488081	24.580	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	362999	27.393	ug/L	100
29) Cyclohexane	7.959	56	488808	29.436	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	391993	28.030	ug/L	99
31) Carbon tetrachloride	8.069	117	318524	25.409	ug/L	98
33) Benzene	8.325	78	1078599	28.677	ug/L	100
34) Trichloroethene	9.093	95	227423	23.038	ug/L	99
35) Methylcyclohexane	9.337	83	443048	26.053	ug/L	99
37) 1,2-Dichloropropane	9.367	63	303862	29.349	ug/L	100
38) Bromodichloromethane	9.642	83	335738	27.806	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	401596	26.925	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	605205	97.259	ug/L	99
42) Toluene	10.385	91	1029399	26.507	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	326919	26.173	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	224714	32.320	ug/L	96
46) Tetrachloroethene	10.861	164	147001	20.928	ug/L	97
48) 2-Hexanone	10.965	43	415948	92.910	ug/L	99
49) Dibromochloromethane	11.123	129	206716	27.826	ug/L	98
50) 1,2-Dibromoethane	11.233	107	189780	29.488	ug/L	94
51) Chlorobenzene	11.654	112	523663	21.247	ug/L	98
52) Ethylbenzene	11.727	91	1006632	22.728	ug/L	98
53) m,p-Xylene	11.836	106	381325	23.343	ug/L	98
54) o-Xylene	12.166	106	395907	25.755	ug/L	98
55) Styrene	12.178	104	551654	21.015	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.714	83	309027	35.731	ug/L	98
59) Bromoform	12.349	173	118345	43.068	ug/L	98
60) Isopropylbenzene	12.458	105	1001054	35.259	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	232853	56.115	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	800595	35.604	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	749509	33.835	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	266600	22.160	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	267272	21.658	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	286085	26.514	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	53199	55.378	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	151566	18.533	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	97935	14.443	ug/L	99
71) Naphthalene	15.360	128	416280	31.101	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	107361	17.628	ug/L	99

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

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