

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025357.D
 Acq On : 22 Feb 2023 14:05
 Operator : SY/MD
 Sample : 01628-03MSD
 Misc : 5.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXZC0MSD

Quant Time: Feb 22 21:29:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 21:27:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	428144	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	378386	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	187672	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	81519	22.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.960%
7) Chloroethane-d5	2.899	69	61867	23.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	4.027	63	211643	22.495	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.000%
21) 2-Butanone-d5	7.081	46	44248	53.814	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.620%
24) Chloroform-d	7.654	84	195758	23.835	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	8.306	65	104149	24.445	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	8.276	84	381366	23.783	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	9.276	67	107193	23.821	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.280%
41) Toluene-d8	10.324	98	351703	23.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.120%
43) trans-1,3-Dichloroprop...	10.574	79	51125	24.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.760%
47) 2-Hexanone-d5	10.922	63	36898	56.214	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86213	25.592	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.360%
66) 1,2-Dichlorobenzene-d4	13.854	152	112002	23.497	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	116887	21.747	ug/L	92
3) Chloromethane	2.228	50	114174	23.667	ug/L	95
5) Vinyl chloride	2.374	62	131792	23.465	ug/L	99
6) Bromomethane	2.789	94	83528	23.422	ug/L	92
8) Chloroethane	2.935	64	75334	22.922	ug/L	95
9) Trichlorofluoromethane	3.271	101	150929	22.146	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	124274	21.467	ug/L	92
12) 1,1-Dichloroethene	4.045	96	125064	22.670	ug/L	97
13) Acetone	4.118	43	91379	67.086	ug/L	99
14) Carbon disulfide	4.392	76	413810	22.997	ug/L	100
15) Methyl Acetate	4.667	43	54095	24.650	ug/L	98
16) Methylene chloride	4.917	84	140220	23.161	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	134651	23.283	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	210842	25.813	ug/L	99
19) 1,1-Dichloroethane	6.215	63	242327	23.318	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	146593	24.124	ug/L	95
22) 2-Butanone	7.166	43	97139	61.481	ug/L	99
23) Bromochloromethane	7.520	128	64420	24.843	ug/L	93
25) Chloroform	7.678	83	253476	23.702	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	178132	24.694	ug/L	98
29) Cyclohexane	7.959	56	224741	23.595	ug/L	99
30) 1,1,1-Trichloroethane	7.880	97	228670	23.329	ug/L	99
31) Carbon tetrachloride	8.069	117	211363	22.910	ug/L	99
33) Benzene	8.325	78	548385	23.702	ug/L	100
34) Trichloroethene	9.093	95	150299	23.261	ug/L	95
35) Methylcyclohexane	9.337	83	252935	22.338	ug/L	99
37) 1,2-Dichloropropane	9.367	63	134600	24.051	ug/L	99
38) Bromodichloromethane	9.641	83	182270	24.011	ug/L	97
39) cis-1,3-Dichloropropene	10.074	75	226655	24.754	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	155034	54.454	ug/L	99
42) Toluene	10.385	91	594535	23.869	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	200091	25.996	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	103744	24.853	ug/L	97
46) Tetrachloroethene	10.861	164	108247	22.185	ug/L	98
48) 2-Hexanone	10.964	43	135948	63.976	ug/L	98
49) Dibromochloromethane	11.129	129	121501	25.198	ug/L	95
50) 1,2-Dibromoethane	11.233	107	101790	25.437	ug/L	97
51) Chlorobenzene	11.653	112	377714	23.613	ug/L	99
52) Ethylbenzene	11.726	91	682620	23.650	ug/L	100
53) m,p-Xylene	11.836	106	254132	23.173	ug/L	95
54) o-Xylene	12.165	106	244951	24.161	ug/L	89
55) Styrene	12.178	104	422948	24.530	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	122056	25.613	ug/L	96
59) Bromoform	12.348	173	68938	24.537	ug/L	98
60) Isopropylbenzene	12.458	105	686657	22.370	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	91309	24.557	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	564226	22.888	ug/L	100
63) 1,2,4-Trimethylbenzene	13.244	105	568024	24.342	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	282148	23.507	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	285938	23.763	ug/L	95
67) 1,2-Dichlorobenzene	13.866	146	249213	22.642	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	21997	25.603	ug/L	99
69) 1,3,5-Trichlorobenzene	14.622	180	187031	22.766	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	158325	22.209	ug/L	97
71) Naphthalene	15.360	128	344729	25.149	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	140590	23.222	ug/L	97

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

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