

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075862.D
 Acq On : 27 Apr 2023 15:38
 Operator : KP/SY
 Sample : 02447-19MSD
 Misc : 4.60G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW937MSD

Quant Time: Apr 28 02:58:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	358134	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	281096	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	94502	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	205967	26.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.880%
7) Chloroethane-d5	2.799	69	176641	26.022	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.080%
11) 1,1-Dichloroethene-d2	3.917	65	44597	24.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.480%
21) 2-Butanone-d5	6.981	46	32626	47.836	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.680%
24) Chloroform-d	7.569	84	228152	25.476	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.920%
26) 1,2-Dichloroethane-d4	8.234	65	95562	24.987	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.960%
32) Benzene-d6	8.199	84	476462	29.082	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.320%
36) 1,2-Dichloropropane-d6	9.210	67	133786	29.502	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.000%
41) Toluene-d8	10.269	98	417647	27.229	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.920%
43) trans-1,3-Dichloroprop...	10.528	79	48361	25.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.200%
47) 2-Hexanone-d5	10.881	63	29340	53.734	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.460%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	88465	25.493	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	77808	23.277	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	137811	27.913	ug/L	99
3) Chloromethane	2.146	50	203425	29.557	ug/L	99
5) Vinyl chloride	2.281	62	240283	26.713	ug/L	99
6) Bromomethane	2.693	94	133977	22.166	ug/L	99
8) Chloroethane	2.834	64	153856	26.447	ug/L	97
9) Trichlorofluoromethane	3.175	101	183859	25.439	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	121059	24.932	ug/L	98
12) 1,1-Dichloroethene	3.940	96	118626	25.192	ug/L	87
13) Acetone	4.022	43	31821	54.518	ug/L	62
14) Carbon disulfide	4.270	76	377290	22.939	ug/L	99
15) Methyl Acetate	4.564	43	27667	21.872	ug/L #	49
16) Methylene chloride	4.799	84	148305	20.413	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	125081	23.689	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	210655	24.872	ug/L	99
19) 1,1-Dichloroethane	6.111	63	202152	26.134	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	132254	23.688	ug/L	93
22) 2-Butanone	7.081	43	38866	51.077	ug/L	94
23) Bromochloromethane	7.428	128	63497	24.523	ug/L #	92
25) Chloroform	7.593	83	217655	25.107	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075862.D
 Acq On : 27 Apr 2023 15:38
 Operator : KP/SY
 Sample : 02447-19MSD
 Misc : 4.60G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW937MSD

Quant Time: Apr 28 02:58:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	113329	25.326	ug/L	98
29) Cyclohexane	7.881	56	120148	24.968	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	172528	29.009	ug/L	99
31) Carbon tetrachloride	7.993	117	135877	28.477	ug/L	96
33) Benzene	8.252	78	498089	29.294	ug/L	100
34) Trichloroethene	9.028	95	115958	26.371	ug/L	96
35) Methylcyclohexane	9.275	83	125829	18.561	ug/L	97
37) 1,2-Dichloropropane	9.305	63	116251	29.764	ug/L	99
38) Bromodichloromethane	9.581	83	150594	28.596	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	169301	27.256	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	81265	57.067	ug/L	98
42) Toluene	10.334	91	515624	28.023	ug/L	96
44) trans-1,3-Dichloropropene	10.552	75	136147	27.284	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	91796	27.626	ug/L	97
46) Tetrachloroethene	10.810	164	83392	23.122	ug/L	96
48) 2-Hexanone	10.922	43	56696	56.475	ug/L	94
49) Dibromochloromethane	11.075	129	94931	26.243	ug/L	97
50) 1,2-Dibromoethane	11.181	107	79061	26.391	ug/L	97
51) Chlorobenzene	11.604	112	292089	24.265	ug/L	97
52) Ethylbenzene	11.687	91	457720	24.259	ug/L	98
53) m,p-Xylene	11.793	106	182854	24.338	ug/L	99
54) o-Xylene	12.122	106	175228	24.555	ug/L	96
55) Styrene	12.134	104	298492	24.033	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	85655	25.335	ug/L	97
59) Bromoform	12.299	173	51479	35.543	ug/L	99
60) Isopropylbenzene	12.422	105	383664	30.618	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	55929	37.675	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	260256	27.853	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	249550	27.706	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	143434	23.923	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	146613	23.300	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	130738	24.418	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	9430	31.775	ug/L	98
69) 1,3,5-Trichlorobenzene	14.592	180	53074	13.207	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	35872	10.771	ug/L	99
71) Naphthalene	15.334	128	96878	15.896	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	32120	10.805	ug/L	97

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

