

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075907.D
 Acq On : 29 Apr 2023 00:49
 Operator : KP/SY
 Sample : 02525-15MSD
 Misc : 5.90G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCL0MSD

Quant Time: Apr 29 05:17:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 29 05:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	338508	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.586	117	315451	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	153153	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	174885	23.550	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.200%
7) Chloroethane-d5	2.805	69	151919	23.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
11) 1,1-Dichloroethene-d2	3.916	65	38437	22.451	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.800%
21) 2-Butanone-d5	6.987	46	32260	50.041	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.080%
24) Chloroform-d	7.569	84	209248	24.719	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.880%
26) 1,2-Dichloroethane-d4	8.234	65	89304	24.704	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	8.204	84	437841	23.814	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	9.210	67	124042	24.374	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.480%
41) Toluene-d8	10.269	98	410279	23.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.360%
43) trans-1,3-Dichloroprop...	10.528	79	48299	22.961	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.840%
47) 2-Hexanone-d5	10.875	63	28498	46.508	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.020%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94594	24.291	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	124188	22.925	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	125456	26.884	ug/L	97
3) Chloromethane	2.146	50	180739	27.783	ug/L	99
5) Vinyl chloride	2.281	62	222984	26.227	ug/L	99
6) Bromomethane	2.693	94	140472	24.588	ug/L	98
8) Chloroethane	2.840	64	145000	26.370	ug/L	96
9) Trichlorofluoromethane	3.175	101	173487	25.396	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	115325	25.128	ug/L	97
12) 1,1-Dichloroethene	3.940	96	116709	26.222	ug/L	90
13) Acetone	4.034	43	30722	55.687	ug/L	97
14) Carbon disulfide	4.275	76	390897	25.145	ug/L	98
15) Methyl Acetate	4.563	43	32565	27.237	ug/L #	63
16) Methylene chloride	4.805	84	151452	22.055	ug/L	100
17) trans-1,2-Dichloroethene	5.316	96	126910	25.429	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	205067	25.616	ug/L #	90
19) 1,1-Dichloroethane	6.110	63	199640	27.306	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	137214	26.001	ug/L	96
22) 2-Butanone	7.087	43	36567	50.842	ug/L #	61
23) Bromochloromethane	7.434	128	66250	27.070	ug/L	93
25) Chloroform	7.593	83	217354	26.526	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	115355	27.274	ug/L	97
29) Cyclohexane	7.875	56	137052	25.379	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	173302	25.966	ug/L	99
31) Carbon tetrachloride	7.993	117	136934	25.573	ug/L	98
33) Benzene	8.251	78	501088	26.261	ug/L	100
34) Trichloroethene	9.028	95	125406	25.414	ug/L	97
35) Methylcyclohexane	9.275	83	178528	23.466	ug/L	97
37) 1,2-Dichloropropane	9.304	63	120222	27.428	ug/L	99
38) Bromodichloromethane	9.587	83	152763	25.848	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	175877	25.231	ug/L	100
40) 4-Methyl-2-pentanone	10.163	43	83343	52.152	ug/L	97
42) Toluene	10.334	91	554389	26.848	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	144741	25.847	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	95363	25.574	ug/L	96
46) Tetrachloroethene	10.810	164	100730	24.888	ug/L	97
48) 2-Hexanone	10.922	43	56217	49.900	ug/L	93
49) Dibromochloromethane	11.075	129	103727	25.552	ug/L	95
50) 1,2-Dibromoethane	11.181	107	85526	25.440	ug/L	100
51) Chlorobenzene	11.610	112	351708	26.036	ug/L	100
52) Ethylbenzene	11.687	91	557103	26.310	ug/L	100
53) m,p-Xylene	11.792	106	224602	26.639	ug/L	99
54) o-Xylene	12.122	106	215726	26.938	ug/L	99
55) Styrene	12.134	104	378964	27.189	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	96458	25.423	ug/L	98
59) Bromoform	12.304	173	60686	25.854	ug/L	99
60) Isopropylbenzene	12.422	105	527168	25.959	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	62380	25.928	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	395112	26.092	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	387022	26.513	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	250923	25.824	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	255766	25.080	ug/L	99
67) 1,2-Dichlorobenzene	13.833	146	225344	25.970	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	11297	23.488	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.592	180	141246	21.688	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	109740	20.333	ug/L	99
71) Naphthalene	15.333	128	226162	22.898	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	104965	21.787	ug/L	99

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

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