

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062723\
 Data File : VD076589.D
 Acq On : 27 Jun 2023 12:30
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025160

Quant Time: Jun 28 05:04:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	251193	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	225124	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	113279	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	147966	24.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.760%
7) Chloroethane-d5	2.799	69	111452	22.532	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.120%
11) 1,1-Dichloroethene-d2	3.917	65	41315	25.874	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.480%
21) 2-Butanone-d5	6.987	46	42621	46.005	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.000%
24) Chloroform-d	7.563	84	163525	24.709	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.840%
26) 1,2-Dichloroethane-d4	8.234	65	81078	24.834	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.320%
32) Benzene-d6	8.205	84	332755	24.163	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.640%
36) 1,2-Dichloropropane-d6	9.210	67	103516	23.549	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.200%
41) Toluene-d8	10.269	98	312974	24.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.160%
43) trans-1,3-Dichloroprop...	10.522	79	43042	23.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.160%
47) 2-Hexanone-d5	10.881	63	30644	44.910	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.820%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	79021	25.268	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	99973	24.077	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	106647	27.246	ug/L	99
3) Chloromethane	2.146	50	155610	23.914	ug/L	97
5) Vinyl chloride	2.281	62	173442	24.708	ug/L	97
6) Bromomethane	2.687	94	85352	21.953	ug/L	98
8) Chloroethane	2.828	64	102815	23.912	ug/L	99
9) Trichlorofluoromethane	3.170	101	142759	28.127	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	93651	28.447	ug/L	97
12) 1,1-Dichloroethene	3.928	96	85986	26.376	ug/L #	84
13) Acetone	4.017	43	34428	46.009	ug/L	100
14) Carbon disulfide	4.264	76	307644	26.033	ug/L	100
15) Methyl Acetate	4.564	43	38589	22.591	ug/L #	86
16) Methylene chloride	4.799	84	99279	22.739	ug/L	91
17) trans-1,2-Dichloroethene	5.305	96	92825	25.540	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	193338	23.365	ug/L #	91
19) 1,1-Dichloroethane	6.116	63	167458	25.201	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	100014	24.639	ug/L	98
22) 2-Butanone	7.087	43	53937	44.665	ug/L	98
23) Bromochloromethane	7.428	128	45037	26.142	ug/L	94
25) Chloroform	7.599	83	166052	25.606	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	101657	25.490	ug/L	96
29) Cyclohexane	7.875	56	148732	24.844	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	136731	26.144	ug/L	97
31) Carbon tetrachloride	7.993	117	114180	27.299	ug/L	99
33) Benzene	8.252	78	378187	25.382	ug/L	100
34) Trichloroethene	9.028	95	94781	24.763	ug/L	93
35) Methylcyclohexane	9.275	83	161911	26.233	ug/L	98
37) 1,2-Dichloropropane	9.304	63	98938	24.356	ug/L	98
38) Bromodichloromethane	9.587	83	117967	25.462	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	153422	24.734	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	117787	46.611	ug/L	99
42) Toluene	10.334	91	411679	25.856	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	122919	24.380	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	68241	24.492	ug/L	97
46) Tetrachloroethene	10.810	164	77606	25.792	ug/L	91
48) 2-Hexanone	10.922	43	82713	47.792	ug/L	98
49) Dibromochloromethane	11.075	129	81642	25.784	ug/L	97
50) 1,2-Dibromoethane	11.181	107	67512	24.965	ug/L	93
51) Chlorobenzene	11.610	112	249603	25.109	ug/L	98
52) Ethylbenzene	11.687	91	447513	26.076	ug/L	99
53) m,p-Xylene	11.793	106	173231	25.685	ug/L	98
54) o-Xylene	12.122	106	163715	25.494	ug/L	96
55) Styrene	12.134	104	286348	25.810	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	81919	25.726	ug/L	96
59) Bromoform	12.304	173	50840	25.070	ug/L	99
60) Isopropylbenzene	12.422	105	449470	25.941	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	54958	24.999	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	346419	24.990	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	343679	25.124	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	192361	24.955	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	191680	24.669	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	167242	24.355	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	12004	24.501	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	130219	25.327	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	107646	23.531	ug/L	99
71) Naphthalene	15.334	128	202593	23.131	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	92654	23.323	ug/L	97

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

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