

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
 Data File : VD076626.D
 Acq On : 28 Jun 2023 19:54
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025163

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/29/2023
 Supervised By :Mahesh Dadoda 06/29/2023

Quant Time: Jun 29 01:31:52 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	204543	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	188690	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	96561	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	117535	23.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.400%
7) Chloroethane-d5	2.793	69	95139	23.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.480%
11) 1,1-Dichloroethene-d2	3.905	65	33172	25.512	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.040%
21) 2-Butanone-d5	6.987	46	42692	56.591	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.180%
24) Chloroform-d	7.563	84	143103	26.555	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.240%
26) 1,2-Dichloroethane-d4	8.228	65	73565	27.672	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.680%
32) Benzene-d6	8.199	84	281716	24.407	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.640%
36) 1,2-Dichloropropane-d6	9.210	67	91949	24.957	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.840%
41) Toluene-d8	10.269	98	269563	25.222	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.880%
43) trans-1,3-Dichloroprop...	10.522	79	38933	25.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.640%
47) 2-Hexanone-d5	10.875	63	30330	53.032	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.060%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	76163	29.056	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	91533	25.861	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	86056	27.000	ug/L	99
3) Chloromethane	2.146	50	133111	25.122	ug/L	100
5) Vinyl chloride	2.275	62	137660	24.084	ug/L	94
6) Bromomethane	2.687	94	67521	21.327	ug/L	95
8) Chloroethane	2.828	64	87487	24.987	ug/L	97
9) Trichlorofluoromethane	3.164	101	119828	28.994	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.952	101	74817	27.909	ug/L #	31
12) 1,1-Dichloroethene	3.934	96	68048	25.634	ug/L	90
13) Acetone	4.028	43	29219m	47.954	ug/L	
14) Carbon disulfide	4.263	76	241352	25.081	ug/L	97
15) Methyl Acetate	4.558	43	37364	26.862	ug/L	96
16) Methylene chloride	4.799	84	83561	23.504	ug/L	95
17) trans-1,2-Dichloroethene	5.299	96	76077	25.705	ug/L	87
18) Methyl tert-butyl Ether	5.310	73	177604	26.359	ug/L #	91
19) 1,1-Dichloroethane	6.105	63	140549	25.975	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	84867	25.676	ug/L	99
22) 2-Butanone	7.081	43	48662	49.488	ug/L	99
23) Bromochloromethane	7.422	128	38721	27.602	ug/L	87
25) Chloroform	7.593	83	140792	26.662	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	90453	27.853	ug/L	95
29) Cyclohexane	7.875	56	118297	23.576	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	113944	25.994	ug/L	98
31) Carbon tetrachloride	7.987	117	96280	27.464	ug/L	99
33) Benzene	8.246	78	312900	25.055	ug/L	100
34) Trichloroethene	9.022	95	80169	24.990	ug/L	92
35) Methylcyclohexane	9.275	83	127733	24.691	ug/L	98
37) 1,2-Dichloropropane	9.304	63	84347	24.774	ug/L #	97
38) Bromodichloromethane	9.581	83	106216	27.352	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	127387	24.503	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	110562	52.200	ug/L	98
42) Toluene	10.334	91	333709	25.006	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	108910	25.772	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	61527	26.346	ug/L	98
46) Tetrachloroethene	10.810	164	62200	24.663	ug/L	95
48) 2-Hexanone	10.922	43	74180	51.137	ug/L	96
49) Dibromochloromethane	11.075	129	73373	27.646	ug/L	92
50) 1,2-Dibromoethane	11.181	107	60084	26.508	ug/L	80
51) Chlorobenzene	11.604	112	215061	25.812	ug/L	96
52) Ethylbenzene	11.681	91	369001	25.653	ug/L	99
53) m,p-Xylene	11.792	106	140729	24.895	ug/L	99
54) o-Xylene	12.122	106	138491	25.731	ug/L	99
55) Styrene	12.134	104	243372	26.172	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	74705	27.990	ug/L	97
59) Bromoform	12.298	173	44577	25.788	ug/L #	96
60) Isopropylbenzene	12.422	105	363518	24.613	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	52976	28.269	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	286253	24.225	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	281760	24.163	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	163379	24.865	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	165190	24.941	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	149152	25.481	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	10292	24.644	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.592	180	104188	23.772	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	91695	23.514	ug/L	100
71) Naphthalene	15.333	128	190562	25.524	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	83513	24.661	ug/L	98

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

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