

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075766.D
 Acq On : 20 Apr 2023 17:28
 Operator : KP/SY
 Sample : VSTDICV025
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV130

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 21 06:03:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 05:54:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	375648	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	344058	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	168158	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	210536	25.548	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.200%			
7) Chloroethane-d5	2.805	69	184965	25.978	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.920%			
11) 1,1-Dichloroethene-d2	3.916	65	48614	25.588	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.360%			
21) 2-Butanone-d5	6.987	46	36433	50.927	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.860%			
24) Chloroform-d	7.563	84	240354	25.587	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.360%			
26) 1,2-Dichloroethane-d4	8.234	65	104063	25.941	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.760%			
32) Benzene-d6	8.204	84	521806	26.021	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.080%			
36) 1,2-Dichloropropane-d6	9.210	67	141572	25.506	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.040%			
41) Toluene-d8	10.269	98	492871	26.253	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.000%			
43) trans-1,3-Dichloroprop...	10.528	79	59368	25.877	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.520%			
47) 2-Hexanone-d5	10.881	63	34928	52.262	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.520%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	111633	26.283	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.120%			
66) 1,2-Dichlorobenzene-d4	13.816	152	150875	25.366	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	136701	26.398	ug/L	98
3) Chloromethane	2.146	50	188819	26.156	ug/L	97
5) Vinyl chloride	2.281	62	238259	25.253	ug/L	98
6) Bromomethane	2.693	94	161642	25.496	ug/L	96
8) Chloroethane	2.840	64	153349	25.131	ug/L	94
9) Trichlorofluoromethane	3.175	101	189519	25.000	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	132144	25.946	ug/L	99
12) 1,1-Dichloroethene	3.946	96	126170m	25.545	ug/L	
13) Acetone	4.028	43	27306	44.602	ug/L	98
14) Carbon disulfide	4.269	76	441682	25.602	ug/L	99
15) Methyl Acetate	4.558	43	33983	25.613	ug/L #	58
16) Methylene chloride	4.799	84	156334	20.515	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	139803	25.243	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	226896	25.540	ug/L	99
19) 1,1-Dichloroethane	6.116	63	208551	25.705	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	146788	25.066	ug/L	99
22) 2-Butanone	7.081	43	41224	51.650	ug/L	95
23) Bromochloromethane	7.428	128	68802	25.333	ug/L	97
25) Chloroform	7.599	83	229403	25.229	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	118790	25.309	ug/L	98
29) Cyclohexane	7.881	56	157359	26.717	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	183864	25.258	ug/L	99
31) Carbon tetrachloride	7.993	117	152599	26.129	ug/L	98
33) Benzene	8.251	78	539619	25.929	ug/L	100
34) Trichloroethene	9.028	95	136977	25.451	ug/L	98
35) Methylcyclohexane	9.275	83	224553	27.062	ug/L	98
37) 1,2-Dichloropropane	9.304	63	124151	25.970	ug/L	99
38) Bromodichloromethane	9.587	83	164839	25.573	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	197583	25.988	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	92877	53.286	ug/L	98
42) Toluene	10.334	91	601832	26.723	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	160450	26.270	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	103794	25.521	ug/L	98
46) Tetrachloroethene	10.810	164	110011	24.921	ug/L	92
48) 2-Hexanone	10.922	43	64325	52.349	ug/L	98
49) Dibromochloromethane	11.075	129	114002	25.748	ug/L	98
50) 1,2-Dibromoethane	11.181	107	95742	26.111	ug/L	99
51) Chlorobenzene	11.610	112	378069	25.660	ug/L	99
52) Ethylbenzene	11.687	91	618721	26.791	ug/L	97
53) m,p-Xylene	11.792	106	251856	27.388	ug/L	95
54) o-Xylene	12.122	106	233883	26.777	ug/L	99
55) Styrene	12.134	104	416553	27.401	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	108129	26.130	ug/L	97
59) Bromoform	12.298	173	66553	25.824	ug/L	99
60) Isopropylbenzene	12.422	105	598217	26.829	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	67771	25.655	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	457713	27.529	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	446414	27.853	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	269204	25.233	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	281185	25.113	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	240925	25.288	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	13019	24.653	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	160561	22.454	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	131265	22.151	ug/L	99
71) Naphthalene	15.333	128	258200	23.810	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	122615	23.180	ug/L	100

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

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