

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076438.D
 Acq On : 15 Jun 2023 14:24
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025158

Quant Time: Jun 16 01:43:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:37:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	266894	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	233379	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	112489	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	167424	25.759	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.040%			
7) Chloroethane-d5	2.793	69	129659	24.671	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.680%			
11) 1,1-Dichloroethene-d2	3.911	65	43301	25.522	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.080%			
21) 2-Butanone-d5	6.987	46	51615m	52.435	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.880%			
24) Chloroform-d	7.569	84	176474	25.097	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.400%			
26) 1,2-Dichloroethane-d4	8.228	65	86238	24.861	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.440%			
32) Benzene-d6	8.199	84	364704	25.546	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.200%			
36) 1,2-Dichloropropane-d6	9.210	67	117575	25.801	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.200%			
41) Toluene-d8	10.269	98	339435	25.678	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.720%			
43) trans-1,3-Dichloroprop...	10.528	79	51477	27.159	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.640%			
47) 2-Hexanone-d5	10.875	63	36025	50.928	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.860%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	82487	25.443	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.760%			
66) 1,2-Dichlorobenzene-d4	13.816	152	105022	25.471	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	107903	25.945	ug/L	99
3) Chloromethane	2.146	50	174647	25.261	ug/L	97
5) Vinyl chloride	2.275	62	189471	25.404	ug/L	97
6) Bromomethane	2.687	94	100167	24.248	ug/L	93
8) Chloroethane	2.834	64	113793	24.908	ug/L	99
9) Trichlorofluoromethane	3.170	101	139775	25.919	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	89849	25.686	ug/L	100
12) 1,1-Dichloroethene	3.928	96	88396	25.520	ug/L	90
13) Acetone	4.022	43	35625	44.808	ug/L	98
14) Carbon disulfide	4.264	76	310926	24.763	ug/L	98
15) Methyl Acetate	4.558	43	44017	24.252	ug/L	99
16) Methylene chloride	4.787	84	100963	21.764	ug/L	82
17) trans-1,2-Dichloroethene	5.311	96	94266	24.410	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	213579	24.293	ug/L #	91
19) 1,1-Dichloroethane	6.105	63	174420	24.704	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	107513	24.929	ug/L	97
22) 2-Butanone	7.081	43	59579	46.435	ug/L	98
23) Bromochloromethane	7.422	128	47044	25.701	ug/L	94
25) Chloroform	7.593	83	169279	24.568	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	102762	24.251	ug/L	100
29) Cyclohexane	7.875	56	163315	26.316	ug/L	98
30) 1,1,1-Trichloroethane	7.787	97	140703	25.952	ug/L	100
31) Carbon tetrachloride	7.987	117	117067	26.999	ug/L	96
33) Benzene	8.246	78	389073	25.189	ug/L	100
34) Trichloroethene	9.028	95	99392	25.050	ug/L	96
35) Methylcyclohexane	9.269	83	168818	26.384	ug/L	98
37) 1,2-Dichloropropane	9.305	63	103794	24.648	ug/L	99
38) Bromodichloromethane	9.581	83	122009	25.403	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	162404	25.256	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	127354	48.614	ug/L	100
42) Toluene	10.334	91	415527	25.174	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	132295	25.311	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	71883	24.886	ug/L	98
46) Tetrachloroethene	10.810	164	79027	25.335	ug/L	95
48) 2-Hexanone	10.922	43	92624	51.625	ug/L	99
49) Dibromochloromethane	11.075	129	82828	25.233	ug/L	99
50) 1,2-Dibromoethane	11.181	107	69938	24.947	ug/L	90
51) Chlorobenzene	11.604	112	258582	25.092	ug/L	94
52) Ethylbenzene	11.681	91	457174	25.697	ug/L	98
53) m,p-Xylene	11.793	106	173600	24.830	ug/L	95
54) o-Xylene	12.122	106	168196	25.266	ug/L	99
55) Styrene	12.134	104	291097	25.310	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	82503	24.993	ug/L	98
59) Bromoform	12.298	173	51060	25.356	ug/L #	98
60) Isopropylbenzene	12.422	105	435845	25.331	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	55163	25.268	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	346667	25.183	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	345890	25.463	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	191350	24.998	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	195587	25.349	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	171818	25.197	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	11717	24.083	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	130426	25.545	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	112234	24.706	ug/L	99
71) Naphthalene	15.334	128	219239	25.207	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	96942	24.574	ug/L	96

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

