

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100423\
 Data File : VD077265.D
 Acq On : 04 Oct 2023 10:43
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025198

Quant Time: Oct 04 22:22:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 25 23:07:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/10/2023
 Supervised By :Semsettin Yesilyurt 10/10/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	255118	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	261543	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	149711	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	130925	19.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.600%
7) Chloroethane-d5	2.799	69	116545	27.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.640%
11) 1,1-Dichloroethene-d2	3.911	65	36145	19.039	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.160%
21) 2-Butanone-d5	6.981	46	80849m	66.132	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.260%
24) Chloroform-d	7.569	84	245736	25.544	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.160%
26) 1,2-Dichloroethane-d4	8.228	65	119772	25.029	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.120%
32) Benzene-d6	8.199	84	457013	24.056	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.240%
36) 1,2-Dichloropropane-d6	9.210	67	150706	25.523	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.080%
41) Toluene-d8	10.269	98	389042	23.311	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.240%
43) trans-1,3-Dichloroprop...	10.522	79	56423	23.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.000%
47) 2-Hexanone-d5	10.875	63	63623	67.355	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.720%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	159208	29.840	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	148447	24.053	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	84721	20.421	ug/L	100
3) Chloromethane	2.146	50	114795	21.326	ug/L	98
5) Vinyl chloride	2.281	62	157566	24.579	ug/L	99
6) Bromomethane	2.687	94	85032	21.680	ug/L	91
8) Chloroethane	2.834	64	100956	32.112	ug/L	100
9) Trichlorofluoromethane	3.169	101	165254	24.932	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	113386	23.933	ug/L	98
12) 1,1-Dichloroethene	3.934	96	97073	24.555	ug/L	96
13) Acetone	4.016	43	81045	63.889	ug/L	95
14) Carbon disulfide	4.269	76	236411	22.932	ug/L	99
15) Methyl Acetate	4.558	43	59566	27.496	ug/L	98
16) Methylene chloride	4.793	84	150076	23.622	ug/L	97
17) trans-1,2-Dichloroethene	5.305	96	111418	25.039	ug/L	99
18) Methyl tert-butyl Ether	5.316	73	282348	26.919	ug/L	99
19) 1,1-Dichloroethane	6.110	63	219217	26.139	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	138279	25.453	ug/L	97
22) 2-Butanone	7.081	43	91019	55.468	ug/L	99
23) Bromochloromethane	7.422	128	64491	25.070	ug/L	89
25) Chloroform	7.593	83	241953	26.071	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	141297	25.734	ug/L	97
29) Cyclohexane	7.875	56	132696	24.940	ug/L	95
30) 1,1,1-Trichloroethane	7.787	97	190459	25.138	ug/L	98
31) Carbon tetrachloride	7.993	117	148729	24.289	ug/L	97
33) Benzene	8.246	78	514082	26.622	ug/L	100
34) Trichloroethene	9.022	95	120276	24.683	ug/L	95
35) Methylcyclohexane	9.269	83	163925	24.156	ug/L	99
37) 1,2-Dichloropropane	9.304	63	137047	25.869	ug/L	98
38) Bromodichloromethane	9.581	83	182199	25.879	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	216609	26.914	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	171363	56.452	ug/L	98
42) Toluene	10.334	91	551509	26.473	ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	184233	26.482	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	118150	26.190	ug/L	94
46) Tetrachloroethene	10.810	164	90640	23.714	ug/L	99
48) 2-Hexanone	10.922	43	140343	60.287	ug/L	99
49) Dibromochloromethane	11.075	129	129549	25.800	ug/L	98
50) 1,2-Dibromoethane	11.175	107	110768	26.236	ug/L	89
51) Chlorobenzene	11.604	112	357835	25.289	ug/L	95
52) Ethylbenzene	11.681	91	598544	26.502	ug/L	97
53) m,p-Xylene	11.792	106	231283	26.851	ug/L	94
54) o-Xylene	12.122	106	221130	26.328	ug/L	97
55) Styrene	12.134	104	416810	27.295	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	149513	27.722	ug/L	98
59) Bromoform	12.298	173	82283	24.412	ug/L	99
60) Isopropylbenzene	12.422	105	581849	24.874	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	96869	25.549	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	454391	25.406	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	460820	25.949	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	275114	24.165	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	288571	24.256	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	258090	24.609	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	20672	25.482	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	181408	24.239	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	152779	23.816	ug/L	99
71) Naphthalene	15.333	128	328814	24.762	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	148077	24.708	ug/L	98

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

