

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075852.D
 Acq On : 26 Apr 2023 23:28
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025134

Quant Time: Apr 27 02:08:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/27/2023
 Supervised By :Semsettin Yesilyurt 05/01/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	366517	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	335263	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	165778	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	190785	23.728	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.920%
7) Chloroethane-d5	2.805	69	165628	23.841	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.360%
11) 1,1-Dichloroethene-d2	3.916	65	46135	24.888	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.560%
21) 2-Butanone-d5	6.987	46	38204	54.733	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.460%
24) Chloroform-d	7.569	84	230467	25.145	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	8.228	65	100555	25.691	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.760%
32) Benzene-d6	8.199	84	491926	25.175	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.680%
36) 1,2-Dichloropropane-d6	9.210	67	137120	25.352	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.400%
41) Toluene-d8	10.269	98	467471	25.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	10.522	79	55762	24.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.760%
47) 2-Hexanone-d5	10.875	63	34956	53.676	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.360%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107939	26.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	146735	25.024	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	131982	26.121	ug/L	100
3) Chloromethane	2.146	50	180356	25.606	ug/L	100
5) Vinyl chloride	2.287	62	225836	24.532	ug/L	99
6) Bromomethane	2.699	94	156201	25.252	ug/L	96
8) Chloroethane	2.840	64	146684	24.638	ug/L	99
9) Trichlorofluoromethane	3.181	101	187322	25.325	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	129359	26.032	ug/L	97
12) 1,1-Dichloroethene	3.946	96	125817	26.108	ug/L	82
13) Acetone	4.022	43	29087	48.695	ug/L	98
14) Carbon disulfide	4.275	76	417427	24.799	ug/L	99
15) Methyl Acetate	4.569	43	35753m	27.618	ug/L	
16) Methylene chloride	4.799	84	153569	20.654	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	138911	25.707	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	226777	26.163	ug/L	100
19) 1,1-Dichloroethane	6.116	63	209380	26.450	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	149616	26.185	ug/L	95
22) 2-Butanone	7.081	43	43137m	55.394	ug/L	
23) Bromochloromethane	7.428	128	72045	27.188	ug/L	98
25) Chloroform	7.593	83	227304	25.620	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	124201	27.121	ug/L	97
29) Cyclohexane	7.881	56	151616	26.417	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	184015	25.942	ug/L	99
31) Carbon tetrachloride	7.993	117	148338	26.066	ug/L	98
33) Benzene	8.251	78	528975	26.084	ug/L	100
34) Trichloroethene	9.028	95	133891	25.530	ug/L	94
35) Methylcyclohexane	9.275	83	207805	25.700	ug/L	99
37) 1,2-Dichloropropane	9.304	63	123927	26.603	ug/L	98
38) Bromodichloromethane	9.581	83	161722	25.747	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	196602	26.537	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	95268	56.092	ug/L	99
42) Toluene	10.334	91	591753	26.964	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	158576	26.645	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	102006	25.739	ug/L	97
46) Tetrachloroethene	10.810	164	113329	26.346	ug/L	99
48) 2-Hexanone	10.922	43	68084	56.862	ug/L	93
49) Dibromochloromethane	11.075	129	114481	26.535	ug/L	99
50) 1,2-Dibromoethane	11.181	107	94482	26.443	ug/L #	99
51) Chlorobenzene	11.610	112	377474	26.292	ug/L	99
52) Ethylbenzene	11.687	91	602166	26.758	ug/L	99
53) m,p-Xylene	11.792	106	243965	27.225	ug/L	100
54) o-Xylene	12.122	106	228427	26.839	ug/L	100
55) Styrene	12.134	104	410294	27.697	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	107918	26.763	ug/L	98
59) Bromoform	12.298	173	67234	26.463	ug/L	100
60) Isopropylbenzene	12.422	105	582684	26.508	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	69715	26.770	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	444397	27.112	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	431884	27.333	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	279381	26.563	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	284398	25.764	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	246521	26.247	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	13921	26.740	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	164807	23.378	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	132851	22.740	ug/L	99
71) Naphthalene	15.333	128	263153	24.615	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	125700	24.104	ug/L	100

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

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