

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075908.D
 Acq On : 29 Apr 2023 01:19
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025139

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Apr 29 05:17:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 29 05:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	381945	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	351352	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	169342	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	190141	22.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.760%
7) Chloroethane-d5	2.805	69	172376	23.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.240%
11) 1,1-Dichloroethene-d2	3.917	65	45738	23.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.720%
21) 2-Butanone-d5	6.981	46	41539	57.107	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.220%
24) Chloroform-d	7.569	84	234539	24.556	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.240%
26) 1,2-Dichloroethane-d4	8.234	65	101661	24.924	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.680%
32) Benzene-d6	8.205	84	495427	24.193	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.760%
36) 1,2-Dichloropropane-d6	9.210	67	140200	24.734	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.920%
41) Toluene-d8	10.269	98	466158	24.315	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.240%
43) trans-1,3-Dichloroprop...	10.528	79	56423	24.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.320%
47) 2-Hexanone-d5	10.881	63	37815	55.407	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.820%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	110978	25.586	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	140526	23.461	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.840%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	136979	26.015	ug/L	99
3) Chloromethane	2.146	50	196468	26.766	ug/L	100
5) Vinyl chloride	2.281	62	245626	25.604	ug/L	100
6) Bromomethane	2.693	94	160193	24.851	ug/L	99
8) Chloroethane	2.840	64	155675	25.092	ug/L	95
9) Trichlorofluoromethane	3.175	101	191339	24.824	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	132934	25.671	ug/L	98
12) 1,1-Dichloroethene	3.946	96	130319m	25.950	ug/L	
13) Acetone	4.028	43	30170	48.467	ug/L	95
14) Carbon disulfide	4.275	76	428602	24.435	ug/L	98
15) Methyl Acetate	4.564	43	38117m	28.255	ug/L	
16) Methylene chloride	4.805	84	169335	21.855	ug/L	98
17) trans-1,2-Dichloroethene	5.311	96	143052	25.404	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	233759	25.879	ug/L	100
19) 1,1-Dichloroethane	6.111	63	216935	26.297	ug/L	95
20) cis-1,2-Dichloroethene	7.087	96	152274	25.574	ug/L	98
22) 2-Butanone	7.087	43	44993	55.443	ug/L	97
23) Bromochloromethane	7.428	128	73524	26.625	ug/L	94
25) Chloroform	7.599	83	238284	25.773	ug/L	99

04/29/2023
 Supervised By :Semsettin
 Kesilyurt

05/01/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	127591	26.736	ug/L	100
29) Cyclohexane	7.881	56	159008	26.436	ug/L	94
30) 1,1,1-Trichloroethane	7.793	97	188844	25.403	ug/L	100
31) Carbon tetrachloride	7.993	117	152009	25.488	ug/L	98
33) Benzene	8.252	78	559854	26.343	ug/L	100
34) Trichloroethene	9.028	95	136371	24.812	ug/L	96
35) Methylcyclohexane	9.275	83	217116	25.622	ug/L	99
37) 1,2-Dichloropropane	9.305	63	129546	26.536	ug/L	98
38) Bromodichloromethane	9.587	83	169475	25.746	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	196430	25.300	ug/L	97
40) 4-Methyl-2-pentanone	10.163	43	101983	57.296	ug/L	99
42) Toluene	10.334	91	619412	26.932	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	163433	26.203	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	108618	26.152	ug/L	97
46) Tetrachloroethene	10.810	164	114619	25.426	ug/L	93
48) 2-Hexanone	10.922	43	70538	56.214	ug/L	95
49) Dibromochloromethane	11.075	129	118777	26.270	ug/L	98
50) 1,2-Dibromoethane	11.181	107	96098	25.664	ug/L	94
51) Chlorobenzene	11.610	112	389027	25.856	ug/L	99
52) Ethylbenzene	11.687	91	617395	26.178	ug/L	97
53) m,p-Xylene	11.793	106	251299	26.760	ug/L	98
54) o-Xylene	12.122	106	237315	26.606	ug/L	96
55) Styrene	12.134	104	419612	27.029	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	112266	26.566	ug/L	98
59) Bromoform	12.299	173	68597	26.431	ug/L	99
60) Isopropylbenzene	12.422	105	597891	26.627	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	70072	26.341	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	450838	26.926	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	439402	27.224	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	279609	26.025	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	288820	25.614	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	252048	26.270	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	13706	25.773	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	165043	22.919	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	134626	22.559	ug/L	98
71) Naphthalene	15.334	128	270391	24.759	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	128245	24.075	ug/L	99

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

