

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
 Data File : VD079886.D
 Acq On : 25 Sep 2024 09:45
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025915

Quant Time: Sep 26 01:50:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 26 01:31:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2024
 Supervised By :Semsettin Yesilyurt 09/26/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	106970	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	110139	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	54603	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	93238	20.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.160%
7) Chloroethane-d5	2.804	69	89347	24.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.040%
11) 1,1-Dichloroethene-d2	3.916	65	16467	19.499	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.000%
21) 2-Butanone-d5	6.992	46	27203m	62.945	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.900%
24) Chloroform-d	7.569	84	92726	26.371	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.480%
26) 1,2-Dichloroethane-d4	8.228	65	53616	29.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.640%
32) Benzene-d6	8.198	84	191488	24.626	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.520%
36) 1,2-Dichloropropane-d6	9.210	67	61337	25.756	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.040%
41) Toluene-d8	10.269	98	175392	25.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.520%
43) trans-1,3-Dichloroprop...	10.522	79	26295	25.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.720%
47) 2-Hexanone-d5	10.875	63	24443	62.963	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.920%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	55705	31.832	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.320%#
66) 1,2-Dichlorobenzene-d4	13.816	152	56442	27.410	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	39419	19.326	ug/L	98
3) Chloromethane	2.152	50	69805	19.523	ug/L	94
5) Vinyl chloride	2.287	62	97793	22.320	ug/L	97
6) Bromomethane	2.699	94	59745	27.081	ug/L	99
8) Chloroethane	2.840	64	70347	24.302	ug/L	90
9) Trichlorofluoromethane	3.181	101	76152	24.173	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	39581	22.699	ug/L	98
12) 1,1-Dichloroethene	3.940	96	34092	20.991	ug/L	97
13) Acetone	4.022	43	29176	55.374	ug/L	98
14) Carbon disulfide	4.269	76	100158	18.958	ug/L	100
15) Methyl Acetate	4.569	43	22838	27.211	ug/L #	82
16) Methylene chloride	4.810	84	48389m	22.893	ug/L	
17) trans-1,2-Dichloroethene	5.316	96	38688	22.340	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	101546	26.065	ug/L	95
19) 1,1-Dichloroethane	6.110	63	81800	23.780	ug/L #	97
20) cis-1,2-Dichloroethene	7.081	96	47438	24.879	ug/L	91
22) 2-Butanone	7.081	43	34456	55.748	ug/L	96
23) Bromochloromethane	7.428	128	20979	25.923	ug/L	96
25) Chloroform	7.598	83	93740	26.179	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	60035	27.432	ug/L	98
29) Cyclohexane	7.875	56	55782	20.476	ug/L	96
30) 1,1,1-Trichloroethane	7.792	97	71275	23.741	ug/L	98
31) Carbon tetrachloride	7.992	117	63164	23.746	ug/L	98
33) Benzene	8.251	78	194668	23.737	ug/L	100
34) Trichloroethene	9.028	95	42722	22.544	ug/L	94
35) Methylcyclohexane	9.275	83	65358	21.372	ug/L	98
37) 1,2-Dichloropropane	9.304	63	55115	24.642	ug/L #	100
38) Bromodichloromethane	9.581	83	68914	26.443	ug/L	93
39) cis-1,3-Dichloropropene	10.016	75	79487	25.309	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	65773	56.179	ug/L	100
42) Toluene	10.334	91	216108	25.016	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	74227	26.817	ug/L	99
45) 1,1,2-Trichloroethane	10.733	97	43069	28.185	ug/L	90
46) Tetrachloroethene	10.804	164	30757	23.907	ug/L	96
48) 2-Hexanone	10.922	43	56069	58.876	ug/L	99
49) Dibromochloromethane	11.075	129	45601	27.340	ug/L	84
50) 1,2-Dibromoethane	11.181	107	34993	26.514	ug/L #	91
51) Chlorobenzene	11.604	112	129122	24.906	ug/L	97
52) Ethylbenzene	11.680	91	228526	25.182	ug/L	99
53) m,p-Xylene	11.792	106	86858	25.269	ug/L	97
54) o-Xylene	12.122	106	84114	24.958	ug/L	94
55) Styrene	12.133	104	157975	26.671	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	52049	29.059	ug/L	93
59) Bromoform	12.292	173	26376	27.983	ug/L	97
60) Isopropylbenzene	12.422	105	222495	23.601	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	34821	25.944	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	171590	24.888	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	174679	24.160	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	96434	24.753	ug/L	100
65) 1,4-Dichlorobenzene	13.533	146	102963	25.197	ug/L	100
67) 1,2-Dichlorobenzene	13.827	146	91666	26.033	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.439	75	7389	26.906	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	57801	24.469	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	47461	23.863	ug/L	97
71) Naphthalene	15.327	128	109921	24.745	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	44370	24.940	ug/L	98

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

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