

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061924\
 Data File : VD079205.D
 Acq On : 19 Jun 2024 10:16
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025902

Quant Time: Jun 20 09:00:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 07:16:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/21/2024
 Supervised By :Semsettin Yesilyurt 06/21/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	213874	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	211000	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	112248	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	129681	19.704	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.800%
7) Chloroethane-d5	2.799	69	117916	18.529	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.120%
11) 1,1-Dichloroethene-d2	3.916	65	27262	23.333	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.320%
21) 2-Butanone-d5	6.993	46	27551m	54.730	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.460%
24) Chloroform-d	7.569	84	122457	20.478	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.920%
26) 1,2-Dichloroethane-d4	8.228	65	64891	23.523	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.080%
32) Benzene-d6	8.199	84	268728	22.974	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.880%
36) 1,2-Dichloropropane-d6	9.204	67	76360	22.663	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.640%
41) Toluene-d8	10.269	98	255561	23.334	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.320%
43) trans-1,3-Dichloroprop...	10.522	79	33983	23.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.000%
47) 2-Hexanone-d5	10.875	63	26577	61.014	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.020%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	80014	26.810	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.240%
66) 1,2-Dichlorobenzene-d4	13.810	152	90795	23.438	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	72317	21.360	ug/L	98
3) Chloromethane	2.152	50	135109	29.941	ug/L	98
5) Vinyl chloride	2.281	62	171180	22.984	ug/L	93
6) Bromomethane	2.693	94	97232	16.910	ug/L	88
8) Chloroethane	2.840	64	115202	21.104	ug/L	92
9) Trichlorofluoromethane	3.169	101	153784	27.105	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	88002	25.866	ug/L	96
12) 1,1-Dichloroethene	3.940	96	78703	26.571	ug/L	92
13) Acetone	4.016	43	48876	67.064	ug/L	99
14) Carbon disulfide	4.269	76	239637	23.192	ug/L	97
15) Methyl Acetate	4.564	43	27935	28.132	ug/L	94
16) Methylene chloride	4.799	84	89146	23.392	ug/L	96
17) trans-1,2-Dichloroethene	5.311	96	78246	24.445	ug/L	95
18) Methyl tert-butyl Ether	5.322	73	156075	27.492	ug/L	99
19) 1,1-Dichloroethane	6.116	63	124643	24.186	ug/L	94
20) cis-1,2-Dichloroethene	7.081	96	84543	25.365	ug/L	97
22) 2-Butanone	7.087	43	45139	58.959	ug/L	97
23) Bromochloromethane	7.422	128	43133	25.525	ug/L	94
25) Chloroform	7.593	83	153955	26.312	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	85730	25.240	ug/L #	93
29) Cyclohexane	7.875	56	91203	23.957	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	120781	24.178	ug/L	99
31) Carbon tetrachloride	7.987	117	110860	23.881	ug/L	99
33) Benzene	8.252	78	319649	25.435	ug/L	100
34) Trichloroethene	9.028	95	80644	24.915	ug/L	94
35) Methylcyclohexane	9.275	83	127211	23.719	ug/L	99
37) 1,2-Dichloropropane	9.299	63	78018	25.345	ug/L	100
38) Bromodichloromethane	9.581	83	105117	24.565	ug/L #	99
39) cis-1,3-Dichloropropene	10.010	75	123198	25.638	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	79041	61.511	ug/L	94
42) Toluene	10.334	91	357630	25.628	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	107802	26.530	ug/L	93
45) 1,1,2-Trichloroethane	10.734	97	70294	26.030	ug/L	97
46) Tetrachloroethene	10.804	164	70508	24.739	ug/L	96
48) 2-Hexanone	10.922	43	69054	62.103	ug/L	98
49) Dibromochloromethane	11.069	129	81996	25.640	ug/L	100
50) 1,2-Dibromoethane	11.175	107	67434	27.171	ug/L	95
51) Chlorobenzene	11.604	112	232537	25.044	ug/L	99
52) Ethylbenzene	11.681	91	368907	25.344	ug/L	100
53) m,p-Xylene	11.793	106	147223	25.779	ug/L	100
54) o-Xylene	12.116	106	140754	25.510	ug/L	89
55) Styrene	12.134	104	264986	27.085	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.669	83	85442	28.265	ug/L	95
59) Bromoform	12.298	173	53474	25.993	ug/L	98
60) Isopropylbenzene	12.416	105	364984	24.591	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	54841	27.673	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	247549	24.394	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	273241	25.174	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	174628	24.491	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	186887	24.737	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	166491	25.259	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	11243	27.598	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	110310	24.530	ug/L	98
70) 1,2,4-trichlorobenzene	15.092	180	92842	24.858	ug/L	100
71) Naphthalene	15.328	128	195343	27.967	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	88249	27.339	ug/L	96

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

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