

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053124\
 Data File : VD079106.D
 Acq On : 31 May 2024 09:18
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025885

Quant Time: Jun 01 00:32:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 31 01:52:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	212559	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	212871	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	111163	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	146973	22.469	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.880%
7) Chloroethane-d5	2.799	69	133859	21.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.640%
11) 1,1-Dichloroethene-d2	3.910	65	24622	21.204	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.800%
21) 2-Butanone-d5	6.987	46	23553	47.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.160%
24) Chloroform-d	7.569	84	133803	22.513	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.040%
26) 1,2-Dichloroethane-d4	8.228	65	64149	23.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	8.204	84	275316	23.330	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.320%
36) 1,2-Dichloropropane-d6	9.210	67	74914	22.038	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.160%
41) Toluene-d8	10.269	98	253893	22.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.920%
43) trans-1,3-Dichloroprop...	10.522	79	35282	24.694	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.760%
47) 2-Hexanone-d5	10.875	63	22733	51.731	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.460%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70059	23.268	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	85635	22.321	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	79420	23.603	ug/L	99
3) Chloromethane	2.146	50	106690	23.790	ug/L	99
5) Vinyl chloride	2.281	62	196329	26.523	ug/L	96
6) Bromomethane	2.693	94	135186	23.657	ug/L	97
8) Chloroethane	2.834	64	133289	24.568	ug/L	90
9) Trichlorofluoromethane	3.175	101	127752	22.656	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	83125	24.584	ug/L	99
12) 1,1-Dichloroethene	3.940	96	68440	23.249	ug/L	89
13) Acetone	4.022	43	42249	58.330	ug/L	70
14) Carbon disulfide	4.275	76	247825	24.133	ug/L	97
15) Methyl Acetate	4.558	43	27807	28.177	ug/L	96
16) Methylene chloride	4.805	84	89193	23.550	ug/L	94
17) trans-1,2-Dichloroethene	5.310	96	80158	25.197	ug/L	95
18) Methyl tert-butyl Ether	5.322	73	153360	27.181	ug/L #	90
19) 1,1-Dichloroethane	6.110	63	130060	25.393	ug/L	94
20) cis-1,2-Dichloroethene	7.075	96	87962	26.554	ug/L	92
22) 2-Butanone	7.081	43	43668	57.390	ug/L	92
23) Bromochloromethane	7.428	128	43100	25.663	ug/L	97
25) Chloroform	7.593	83	148061	25.461	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	88402	26.188	ug/L	98
29) Cyclohexane	7.881	56	99654	25.946	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	125608	24.923	ug/L	97
31) Carbon tetrachloride	7.987	117	116744	24.927	ug/L	95
33) Benzene	8.251	78	337663	26.633	ug/L	100
34) Trichloroethene	9.028	95	81672	25.011	ug/L	97
35) Methylcyclohexane	9.275	83	141781	26.203	ug/L	99
37) 1,2-Dichloropropane	9.304	63	82261	26.489	ug/L	100
38) Bromodichloromethane	9.587	83	112310	26.015	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	128567	26.520	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	75611	58.324	ug/L	96
42) Toluene	10.334	91	372512	26.459	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	112996	27.564	ug/L	94
45) 1,1,2-Trichloroethane	10.728	97	71491	26.240	ug/L	97
46) Tetrachloroethene	10.804	164	72609	25.253	ug/L	93
48) 2-Hexanone	10.922	43	64868	57.826	ug/L	96
49) Dibromochloromethane	11.075	129	81903	25.386	ug/L	99
50) 1,2-Dibromoethane	11.181	107	67545	26.976	ug/L	95
51) Chlorobenzene	11.604	112	236315	25.227	ug/L	98
52) Ethylbenzene	11.681	91	389488	26.522	ug/L	98
53) m,p-Xylene	11.792	106	153842	26.701	ug/L	100
54) o-Xylene	12.122	106	150938	27.115	ug/L	95
55) Styrene	12.134	104	278607	28.227	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	81341	26.672	ug/L	99
59) Bromoform	12.298	173	50727	24.898	ug/L	99
60) Isopropylbenzene	12.422	105	385675	26.239	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	53706	27.365	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	268797	26.746	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	295323	27.474	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	182251	25.810	ug/L	100
65) 1,4-Dichlorobenzene	13.534	146	191745	25.628	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	168452	25.806	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	10565	26.187	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.592	180	113403	25.464	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	90486	24.464	ug/L	97
71) Naphthalene	15.333	128	181346	26.216	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	87427	27.349	ug/L	97

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

