

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
 Data File : VD079995.D
 Acq On : 12 Nov 2024 13:19
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV849

Quant Time: Nov 13 03:15:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 03:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	275419	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	254101	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	129177	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	74063	18.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.160%
7) Chloroethane-d5	2.805	69	69140	20.328	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.320%
11) 1,1-Dichloroethene-d2	3.917	65	36270	21.552	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.200%
21) 2-Butanone-d5	6.987	46	31344	36.262	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.520%
24) Chloroform-d	7.569	84	192679	24.633	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.520%
26) 1,2-Dichloroethane-d4	8.228	65	93724	22.097	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	8.205	84	390975	26.755	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	9.210	67	118128	25.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.240%
41) Toluene-d8	10.269	98	348239	26.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.720%
43) trans-1,3-Dichloroprop...	10.522	79	46333	24.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.680%
47) 2-Hexanone-d5	10.875	63	28218	40.655	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.300%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	82430	21.830	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	109899	24.550	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	93170	22.246	ug/L	99
3) Chloromethane	2.146	50	82102	23.967	ug/L	96
5) Vinyl chloride	2.287	62	91512	21.278	ug/L	98
6) Bromomethane	2.699	94	74654	24.568	ug/L	98
8) Chloroethane	2.840	64	60713	22.170	ug/L	92
9) Trichlorofluoromethane	3.181	101	164219	22.830	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	105531	24.261	ug/L	97
12) 1,1-Dichloroethene	3.940	96	94384	25.577	ug/L	95
13) Acetone	4.022	43	40751	39.747	ug/L	97
14) Carbon disulfide	4.275	76	308052	24.991	ug/L	100
15) Methyl Acetate	4.558	43	32057	19.931	ug/L #	89
16) Methylene chloride	4.805	84	107510	23.526	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	106183	26.135	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	179508	22.715	ug/L #	86
19) 1,1-Dichloroethane	6.116	63	186757	24.603	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	119090	26.870	ug/L	95
22) 2-Butanone	7.081	43	45410	37.319	ug/L	75
23) Bromochloromethane	7.428	128	53323	24.228	ug/L	94
25) Chloroform	7.599	83	213719	24.355	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	115827	22.604	ug/L	97
29) Cyclohexane	7.881	56	144305	26.269	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	172095	26.468	ug/L	97
31) Carbon tetrachloride	7.993	117	153273	26.847	ug/L	99
33) Benzene	8.252	78	444675	28.003	ug/L	100
34) Trichloroethene	9.028	95	111524	26.189	ug/L	95
35) Methylcyclohexane	9.275	83	161567	25.959	ug/L	99
37) 1,2-Dichloropropane	9.305	63	117417	26.470	ug/L	100
38) Bromodichloromethane	9.581	83	142998	25.297	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	163174	25.465	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	89798	42.874	ug/L	100
42) Toluene	10.334	91	484764	27.947	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	139840	25.337	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	77553	22.949	ug/L	96
46) Tetrachloroethene	10.810	164	91126	25.158	ug/L	92
48) 2-Hexanone	10.916	43	73719	43.649	ug/L	96
49) Dibromochloromethane	11.069	129	92635	23.275	ug/L	97
50) 1,2-Dibromoethane	11.175	107	70738	22.942	ug/L	96
51) Chlorobenzene	11.604	112	296022	26.030	ug/L	96
52) Ethylbenzene	11.681	91	515016	27.512	ug/L	98
53) m,p-Xylene	11.793	106	195649	27.873	ug/L	93
54) o-Xylene	12.122	106	187839	28.077	ug/L	97
55) Styrene	12.134	104	334389	27.783	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	83150	21.184	ug/L #	98
59) Bromoform	12.298	173	53493	22.437	ug/L	99
60) Isopropylbenzene	12.422	105	502903	28.481	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	56509	22.444	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	391865	28.257	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	389420	28.202	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	228036	26.309	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	236371	26.033	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	201181	25.122	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	11621	21.181	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	151297	25.842	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	118668	24.055	ug/L	100
71) Naphthalene	15.334	128	182591	21.664	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	107904	24.776	ug/L	99

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

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