

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121324\
 Data File : VD080165.D
 Acq On : 13 Dec 2024 13:17
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV867

Quant Time: Dec 13 23:09:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 13 23:01:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	191449	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	182717	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	93665	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	161799	23.050	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.200%
7) Chloroethane-d5	2.805	69	128215	23.199	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	3.922	65	33436	22.129	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.520%
21) 2-Butanone-d5	6.993	46	29029	39.887	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.780%
24) Chloroform-d	7.569	84	144142	23.129	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.520%
26) 1,2-Dichloroethane-d4	8.234	65	78487	22.237	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.960%
32) Benzene-d6	8.204	84	303703	23.905	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.640%
36) 1,2-Dichloropropane-d6	9.210	67	93635	23.147	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.600%
41) Toluene-d8	10.269	98	273417	24.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.440%
43) trans-1,3-Dichloroprop...	10.528	79	39356	23.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.440%
47) 2-Hexanone-d5	10.875	63	25119	44.978	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.960%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	71172	22.977	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	84567	23.121	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	85207	28.310	ug/L	99
3) Chloromethane	2.152	50	147603	27.868	ug/L	98
5) Vinyl chloride	2.287	62	176828	27.065	ug/L	99
6) Bromomethane	2.699	94	93082	24.267	ug/L	100
8) Chloroethane	2.840	64	111711	26.744	ug/L	95
9) Trichlorofluoromethane	3.175	101	135688	26.755	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	81989	27.941	ug/L	98
12) 1,1-Dichloroethene	3.940	96	73574	27.421	ug/L	96
13) Acetone	4.028	43	60802	48.105	ug/L	98
14) Carbon disulfide	4.275	76	282850	27.982	ug/L	97
15) Methyl Acetate	4.569	43	32811	24.125	ug/L	99
16) Methylene chloride	4.805	84	84569	25.065	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	81147	27.361	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	156634	26.521	ug/L #	91
19) 1,1-Dichloroethane	6.116	63	153431	26.929	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	86137	27.083	ug/L	95
22) 2-Butanone	7.081	43	65580	51.428	ug/L	99
23) Bromochloromethane	7.422	128	40579	27.440	ug/L	90
25) Chloroform	7.599	83	169500	26.686	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	101073	26.867	ug/L	97
29) Cyclohexane	7.881	56	126989	29.485	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	130054	27.286	ug/L	99
31) Carbon tetrachloride	7.993	117	114187	28.211	ug/L	98
33) Benzene	8.251	78	348612	27.519	ug/L	100
34) Trichloroethene	9.028	95	84329	26.267	ug/L	91
35) Methylcyclohexane	9.275	83	141146	29.445	ug/L	100
37) 1,2-Dichloropropane	9.304	63	95637	27.893	ug/L	97
38) Bromodichloromethane	9.587	83	115890	27.547	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	133960	27.747	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	93902	52.037	ug/L	97
42) Toluene	10.334	91	375421	28.737	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	116451	27.799	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	63400	26.226	ug/L	93
46) Tetrachloroethene	10.810	164	68864	28.062	ug/L	97
48) 2-Hexanone	10.922	43	95758	55.325	ug/L	98
49) Dibromochloromethane	11.075	129	72032	26.477	ug/L	93
50) 1,2-Dibromoethane	11.181	107	59392	26.534	ug/L	96
51) Chlorobenzene	11.604	112	227424	27.620	ug/L	99
52) Ethylbenzene	11.681	91	402420	29.011	ug/L	99
53) m,p-Xylene	11.792	106	152054	29.202	ug/L	95
54) o-Xylene	12.122	106	144347	29.503	ug/L	100
55) Styrene	12.134	104	259090	29.438	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	73844	26.123	ug/L	100
59) Bromoform	12.298	173	45116	27.425	ug/L	100
60) Isopropylbenzene	12.422	105	381327	28.855	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	51428	26.082	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	300100	28.526	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	292152	28.279	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	174458	27.784	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	182259	27.253	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	153626	26.690	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	10438	22.942	ug/L	99
69) 1,3,5-Trichlorobenzene	14.592	180	113511	27.128	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	90113	26.219	ug/L	97
71) Naphthalene	15.328	128	163344	26.151	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	85259	27.033	ug/L	98

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

