

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091224\
 Data File : VD079827.D
 Acq On : 12 Sep 2024 14:53
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025905

Quant Time: Sep 13 00:17:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 13 00:16:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	169276	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	164986	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	83325	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	171597	23.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.240%
7) Chloroethane-d5	2.799	69	138013	23.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
11) 1,1-Dichloroethene-d2	3.917	65	32329	24.191	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.760%
21) 2-Butanone-d5	6.987	46	35299	51.615	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.220%
24) Chloroform-d	7.563	84	140253	25.206	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.840%
26) 1,2-Dichloroethane-d4	8.228	65	74950	25.759	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.040%
32) Benzene-d6	8.199	84	301759	25.907	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.640%
36) 1,2-Dichloropropane-d6	9.210	67	89758	25.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.640%
41) Toluene-d8	10.269	98	280787	27.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.560%
43) trans-1,3-Dichloroprop...	10.522	79	39488	25.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.000%
47) 2-Hexanone-d5	10.875	63	34135	58.698	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.400%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	75718	28.884	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.520%
66) 1,2-Dichlorobenzene-d4	13.810	152	80244	25.536	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	75691	23.450	ug/L	99
3) Chloromethane	2.146	50	125642	22.205	ug/L	100
5) Vinyl chloride	2.281	62	164570	23.735	ug/L	100
6) Bromomethane	2.693	94	85377	24.455	ug/L	99
8) Chloroethane	2.834	64	109837	23.978	ug/L	95
9) Trichlorofluoromethane	3.170	101	118808	23.832	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	68646	24.877	ug/L	99
12) 1,1-Dichloroethene	3.940	96	61444	23.907	ug/L	87
13) Acetone	4.017	43	47938	57.495	ug/L	93
14) Carbon disulfide	4.269	76	188396	22.535	ug/L	100
15) Methyl Acetate	4.564	43	33673	25.354	ug/L	97
16) Methylene chloride	4.799	84	78442	23.452	ug/L	90
17) trans-1,2-Dichloroethene	5.311	96	69391	25.321	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	154053	24.988	ug/L #	91
19) 1,1-Dichloroethane	6.111	63	134026	24.622	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	75824	25.129	ug/L	96
22) 2-Butanone	7.087	43	53961	55.171	ug/L	96
23) Bromochloromethane	7.428	128	34122	26.644	ug/L	87
25) Chloroform	7.593	83	141422	24.958	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	85325	24.637	ug/L	95
29) Cyclohexane	7.875	56	103111	25.267	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	116769	25.965	ug/L	98
31) Carbon tetrachloride	7.993	117	104446	26.213	ug/L	99
33) Benzene	8.252	78	313621	25.528	ug/L	100
34) Trichloroethene	9.028	95	71672	25.248	ug/L	94
35) Methylcyclohexane	9.269	83	121439	26.509	ug/L	99
37) 1,2-Dichloropropane	9.305	63	86657	25.865	ug/L #	100
38) Bromodichloromethane	9.581	83	100917	25.851	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	124613	26.487	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	99041	56.472	ug/L	99
42) Toluene	10.334	91	348155	26.904	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	113907	27.472	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	61115	26.699	ug/L	96
46) Tetrachloroethene	10.810	164	52074	27.021	ug/L	98
48) 2-Hexanone	10.922	43	84574	59.285	ug/L	99
49) Dibromochloromethane	11.069	129	67088	26.852	ug/L	97
50) 1,2-Dibromoethane	11.175	107	53079	26.848	ug/L	98
51) Chlorobenzene	11.604	112	201819	25.987	ug/L	96
52) Ethylbenzene	11.681	91	364265	26.796	ug/L	99
53) m,p-Xylene	11.793	106	138434	26.886	ug/L	97
54) o-Xylene	12.116	106	132884	26.321	ug/L	97
55) Styrene	12.134	104	246392	27.769	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.669	83	77956	29.055	ug/L	93
59) Bromoform	12.298	173	38375	26.679	ug/L	98
60) Isopropylbenzene	12.416	105	359057	24.959	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	49915	24.371	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	279259	26.543	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	277790	25.177	ug/L	99
64) 1,3-Dichlorobenzene	13.451	146	148971	25.058	ug/L	93
65) 1,4-Dichlorobenzene	13.534	146	154493	24.775	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	136578	25.417	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	11262	26.874	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	89255	24.760	ug/L	97
70) 1,2,4-trichlorobenzene	15.092	180	73316	24.156	ug/L	99
71) Naphthalene	15.328	128	166827	24.610	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	67800	24.974	ug/L	97

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

