

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120524\
 Data File : VD080103.D
 Acq On : 05 Dec 2024 11:40
 Operator : RP/MD
 Sample : VSTD05053
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050853

Quant Time: Dec 06 00:47:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 00:46:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	268242	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	261265	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	133098	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	220832	46.001	ug/L	0.00
7) Chloroethane-d5	2.793	69	167108	44.627	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	82436	52.285	ug/L	0.00
21) 2-Butanone-d5	6.993	46	85068	97.388	ug/L	0.00
24) Chloroform-d	7.563	84	380077	51.057	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	200035	49.770	ug/L	0.00
32) Benzene-d6	8.199	84	779432	50.336	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	235881	48.605	ug/L	0.00
41) Toluene-d8	10.269	98	757531	50.822	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	107789	51.098	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	77917	103.436	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	200689	48.167	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	249404	52.175	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	259972	57.812	ug/L	99
3) Chloromethane	2.146	50	209036	49.658	ug/L	98
5) Vinyl chloride	2.276	62	276380	50.412	ug/L	95
6) Bromomethane	2.687	94	158750	57.914	ug/L	100
8) Chloroethane	2.828	64	155004	49.503	ug/L	96
9) Trichlorofluoromethane	3.170	101	366338	55.680	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	219331	57.059	ug/L	98
12) 1,1-Dichloroethene	3.940	96	205690	59.655	ug/L	87
13) Acetone	4.028	43	133865	103.774	ug/L	99
14) Carbon disulfide	4.270	76	712822	56.065	ug/L	99
15) Methyl Acetate	4.570	43	87380	54.022	ug/L #	80
16) Methylene chloride	4.799	84	223642	55.129	ug/L	96
17) trans-1,2-Dichloroethene	5.311	96	224552	58.164	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	463775	59.142	ug/L	97
19) 1,1-Dichloroethane	6.111	63	375535	54.142	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	246056	58.517	ug/L	97
22) 2-Butanone	7.081	43	153685	112.249	ug/L	98
23) Bromochloromethane	7.428	128	110008	57.584	ug/L	99
25) Chloroform	7.593	83	412308	54.383	ug/L	98
27) 1,2-Dichloroethane	8.322	62	245007	53.798	ug/L	96
29) Cyclohexane	7.875	56	336607	57.289	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	336657	55.180	ug/L	99
31) Carbon tetrachloride	7.993	117	304279	55.453	ug/L	100
33) Benzene	8.252	78	917628	55.406	ug/L	100
34) Trichloroethene	9.028	95	233014	57.346	ug/L	98
35) Methylcyclohexane	9.275	83	376017	55.907	ug/L	99
37) 1,2-Dichloropropane	9.305	63	234669	53.135	ug/L	99
38) Bromodichloromethane	9.587	83	293028	54.572	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	371671	57.323	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	256057	109.079	ug/L	98
42) Toluene	10.334	91	1016833	55.625	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	320497	56.265	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	178855	55.114	ug/L	99
46) Tetrachloroethene	10.810	164	192368	56.176	ug/L	93
48) 2-Hexanone	10.922	43	230945	108.729	ug/L	98
49) Dibromochloromethane	11.075	129	209959	56.621	ug/L	98
50) 1,2-Dibromoethane	11.181	107	170375	55.096	ug/L #	99
51) Chlorobenzene	11.604	112	628359	56.307	ug/L	95
52) Ethylbenzene	11.681	91	1096795	55.958	ug/L	98
53) m,p-Xylene	11.793	106	426027	57.039	ug/L	95
54) o-Xylene	12.122	106	412915	57.544	ug/L	98
55) Styrene	12.134	104	736317	57.421	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	210186	54.025	ug/L	96
59) Bromoform	12.299	173	131575	58.047	ug/L	99
60) Isopropylbenzene	12.422	105	1084979	60.269	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	143491	57.040	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	868989	60.754	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	857112	60.228	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	484894	56.642	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	499282	57.077	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	448199	57.733	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	31964	57.147	ug/L	96
69) 1,3,5-Trichlorobenzene	14.593	180	334198	56.928	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	280122	57.290	ug/L	98
71) Naphthalene	15.334	128	546052	62.467	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	262384	58.968	ug/L	100

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

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