

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121324\
 Data File : VD080162.D
 Acq On : 13 Dec 2024 10:59
 Operator : RP/MD
 Sample : VSTD02564
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025864

Quant Time: Dec 13 22:46:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 13 22:44:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	198021	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	193896	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	103642	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	178400	24.571	ug/L	0.00
7) Chloroethane-d5	2.805	69	141754	24.797	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.923	65	37199	23.802	ug/L	0.00
21) 2-Butanone-d5	6.999	46	38677	51.380	ug/L	0.00
24) Chloroform-d	7.569	84	163441	25.356	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	91351	25.023	ug/L	0.00
32) Benzene-d6	8.205	84	334419	24.805	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	105047	24.471	ug/L	0.00
41) Toluene-d8	10.269	98	303258	25.717	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	45924	26.233	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	32813	55.368	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	86241	26.237	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	97008	23.970	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	82955	26.647	ug/L	100
3) Chloromethane	2.152	50	143804	26.250	ug/L	100
5) Vinyl chloride	2.281	62	171372	25.359	ug/L	100
6) Bromomethane	2.693	94	99618	25.109	ug/L	100
8) Chloroethane	2.834	64	113027	26.161	ug/L	100
9) Trichlorofluoromethane	3.176	101	129759	24.737	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	76431	27.554	ug/L	100
12) 1,1-Dichloroethene	3.940	96	69384	25.001	ug/L	100
13) Acetone	4.028	43	73726	56.757	ug/L	100
14) Carbon disulfide	4.275	76	271460	25.964	ug/L	100
15) Methyl Acetate	4.570	43	38843	27.491	ug/L	100
16) Methylene chloride	4.805	84	89406	25.619	ug/L	100
17) trans-1,2-Dichloroethene	5.317	96	79763	26.002	ug/L	100
18) Methyl tert-butyl Ether	5.328	73	168122	27.490	ug/L	100
19) 1,1-Dichloroethane	6.117	63	152752	25.877	ug/L	100
20) cis-1,2-Dichloroethene	7.087	96	86780	26.380	ug/L	100
22) 2-Butanone	7.087	43	74401	56.301	ug/L	100
23) Bromochloromethane	7.422	128	40578	26.528	ug/L	100
25) Chloroform	7.599	83	168041	25.578	ug/L	100
27) 1,2-Dichloroethane	8.328	62	106096	27.266	ug/L	100
29) Cyclohexane	7.881	56	119949	26.245	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	126931	25.095	ug/L	100
31) Carbon tetrachloride	7.993	117	111845	26.040	ug/L	100
33) Benzene	8.252	78	350820	26.096	ug/L	100
34) Trichloroethene	9.034	95	85374	25.059	ug/L	100
35) Methylcyclohexane	9.275	83	134564	26.453	ug/L	100
37) 1,2-Dichloropropane	9.305	63	95952	26.372	ug/L	100
38) Bromodichloromethane	9.587	83	117350	26.286	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	140425	27.409	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	109958	57.421	ug/L	100
42) Toluene	10.334	91	376410	27.151	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	124093	27.915	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	71009	27.680	ug/L	100
46) Tetrachloroethene	10.810	164	66759	25.635	ug/L	100
48) 2-Hexanone	10.922	43	117606	64.031	ug/L	100
49) Dibromochloromethane	11.069	129	78028	27.027	ug/L	100
50) 1,2-Dibromoethane	11.175	107	64578	27.187	ug/L	100
51) Chlorobenzene	11.604	112	228798	26.185	ug/L	100
52) Ethylbenzene	11.681	91	401114	27.249	ug/L	100
53) m,p-Xylene	11.793	106	148230	26.827	ug/L	100
54) o-Xylene	12.122	106	141845	27.320	ug/L	100
55) Styrene	12.134	104	266240	28.506	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	86291	28.767	ug/L	100
59) Bromoform	12.299	173	48251	26.507	ug/L	100
60) Isopropylbenzene	12.422	105	379033	25.920	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	57254	26.242	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	300549	25.819	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	299554	26.204	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	173085	24.912	ug/L	100
65) 1,4-Dichlorobenzene	13.534	146	182793	24.702	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	162547	25.522	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.440	75	12891	25.616	ug/L	100
69) 1,3,5-Trichlorobenzene	14.593	180	114748	25.864	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	94673	24.894	ug/L	100
71) Naphthalene	15.328	128	179574	25.981	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	89642	25.687	ug/L	100

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

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