

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
 Data File : VD079813.D
 Acq On : 10 Sep 2024 14:20
 Operator : RP/MD
 Sample : VSTD02542
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025842

Quant Time: Sep 11 05:56:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 05:52:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	193449	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	186896	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	89351	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	191590	22.776	ug/L	0.00
7) Chloroethane-d5	2.799	69	148147	22.245	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	35117	22.993	ug/L	0.00
21) 2-Butanone-d5	6.987	46	36522	46.730	ug/L	0.00
24) Chloroform-d	7.569	84	147732	23.232	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	78353	23.563	ug/L	0.00
32) Benzene-d6	8.199	84	320825	24.315	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	96625	23.910	ug/L	0.00
41) Toluene-d8	10.269	98	292868	25.224	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	41564	23.923	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	31688	48.103	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	71850	24.195	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	81771	24.267	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	82211	22.287	ug/L	100
3) Chloromethane	2.146	50	155961	24.120	ug/L	100
5) Vinyl chloride	2.281	62	188740	23.820	ug/L	100
6) Bromomethane	2.693	94	95056	23.978	ug/L	100
8) Chloroethane	2.834	64	122405	23.382	ug/L	100
9) Trichlorofluoromethane	3.169	101	130392	22.887	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	72102	22.864	ug/L	100
12) 1,1-Dichloroethene	3.934	96	68189	23.216	ug/L	100
13) Acetone	4.022	43	50088	52.567	ug/L	100
14) Carbon disulfide	4.269	76	211766	22.165	ug/L	100
15) Methyl Acetate	4.564	43	36804	24.248	ug/L	100
16) Methylene chloride	4.799	84	91382	23.907	ug/L	100
17) trans-1,2-Dichloroethene	5.311	96	76091	24.295	ug/L	100
18) Methyl tert-butyl Ether	5.316	73	175567	24.920	ug/L	100
19) 1,1-Dichloroethane	6.111	63	150125	24.133	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	84877	24.614	ug/L	100
22) 2-Butanone	7.075	43	58752	52.563	ug/L	100
23) Bromochloromethane	7.428	128	34909	23.853	ug/L	100
25) Chloroform	7.593	83	151706	23.428	ug/L	100
27) 1,2-Dichloroethane	8.328	62	94916	23.982	ug/L	100
29) Cyclohexane	7.875	56	116613	25.225	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	122586	24.063	ug/L	100
31) Carbon tetrachloride	7.993	117	111001	24.592	ug/L	100
33) Benzene	8.252	78	349880	25.141	ug/L	100
34) Trichloroethene	9.028	95	78096	24.242	ug/L	100
35) Methylcyclohexane	9.275	83	130555	25.158	ug/L	100
37) 1,2-Dichloropropane	9.304	63	94560	24.915	ug/L	# 100
38) Bromodichloromethane	9.581	83	110278	24.937	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	137330	25.768	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	103279	51.985	ug/L	100
42) Toluene	10.334	91	378494	25.820	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	122076	25.991	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.728	97	65113	25.111	ug/L	100
46) Tetrachloroethene	10.810	164	53113	24.329	ug/L	100
48) 2-Hexanone	10.916	43	88076	54.502	ug/L	100
49) Dibromochloromethane	11.069	129	69992	24.730	ug/L	100
50) 1,2-Dibromoethane	11.175	107	56073	25.037	ug/L	100
51) Chlorobenzene	11.604	112	220738	25.091	ug/L	100
52) Ethylbenzene	11.681	91	402561	26.141	ug/L	100
53) m,p-Xylene	11.793	106	154136	26.426	ug/L	100
54) o-Xylene	12.116	106	147089	25.719	ug/L	100
55) Styrene	12.134	104	267613	26.625	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	75336	24.786	ug/L	100
59) Bromoform	12.298	173	38266	24.809	ug/L	100
60) Isopropylbenzene	12.416	105	387680	25.131	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	52544	23.924	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	302123	26.779	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	303907	25.687	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	159491	25.018	ug/L	100
65) 1,4-Dichlorobenzene	13.534	146	164626	24.620	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	143211	24.854	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	10888	24.229	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	93841	24.277	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	76876	23.621	ug/L	100
71) Naphthalene	15.328	128	175194	24.101	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	72457	24.889	ug/L	100

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

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