

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
 Data File : VD075415.D
 Acq On : 23 Feb 2023 15:57
 Operator : KP/SY
 Sample : VSTD05008
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050108

Quant Time: Feb 23 23:40:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 23 23:38:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	92846	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	82428	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	41777	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	85541	46.503	ug/L	0.00
7) Chloroethane-d5	2.799	69	69241	44.516	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.923	63	129687	47.226	ug/L	0.00
21) 2-Butanone-d5	6.987	46	23841	86.911	ug/L	0.00
24) Chloroform-d	7.569	84	122450	45.752	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	60668	45.825	ug/L	0.00
32) Benzene-d6	8.199	84	239557	46.553	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	69304	45.310	ug/L	0.00
41) Toluene-d8	10.269	98	224232	48.196	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	29624	48.093	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	18937	94.059	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	47826	44.238	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	65187	44.202	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.929	85	84173	47.268	ug/L	99
3) Chloromethane	2.146	50	96676	45.426	ug/L	100
5) Vinyl chloride	2.281	62	110950	46.898	ug/L	100
6) Bromomethane	2.693	94	59433	50.470	ug/L	94
8) Chloroethane	2.834	64	68916	47.820	ug/L	100
9) Trichlorofluoromethane	3.176	101	127313	47.577	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	79290	49.352	ug/L	99
12) 1,1-Dichloroethene	3.934	96	68008	49.173	ug/L	89
13) Acetone	4.017	43	34962	94.029	ug/L	94
14) Carbon disulfide	4.270	76	208347	46.728	ug/L	100
15) Methyl Acetate	4.564	43	27761	48.611	ug/L	# 82
16) Methylene chloride	4.799	84	73434	39.552	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	70141	49.202	ug/L	92
18) Methyl tert-butyl Ether	5.317	73	147606	50.751	ug/L	99
19) 1,1-Dichloroethane	6.111	63	134749	49.082	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	78387	51.515	ug/L	100
22) 2-Butanone	7.081	43	38730	89.510	ug/L	96
23) Bromochloromethane	7.422	128	33194	49.290	ug/L	84
25) Chloroform	7.599	83	138349	49.108	ug/L	94
27) 1,2-Dichloroethane	8.328	62	85426	48.240	ug/L	100
29) Cyclohexane	7.881	56	115961	51.374	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	123013	49.068	ug/L	98
31) Carbon tetrachloride	7.993	117	106625	49.536	ug/L	98
33) Benzene	8.252	78	295632	50.041	ug/L	100
34) Trichloroethene	9.028	95	77741	49.494	ug/L	94
35) Methylcyclohexane	9.275	83	126988	50.468	ug/L	98
37) 1,2-Dichloropropane	9.305	63	75496	49.029	ug/L	100
38) Bromodichloromethane	9.587	83	98953	49.673	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	117485	52.571	ug/L	92
40) 4-Methyl-2-pentanone	10.157	43	82531	99.745	ug/L	98
42) Toluene	10.334	91	327912	52.394	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	97581	52.489	ug/L	97

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

45) 1,1,2-Trichloroethane	10.734	97	53001	49.261	ug/L	96
46) Tetrachloroethene	10.810	164	60320	48.674	ug/L	87
48) 2-Hexanone	10.922	43	61362	100.233	ug/L	99
49) Dibromochloromethane	11.075	129	63268	50.021	ug/L	95
50) 1,2-Dibromoethane	11.181	107	48639	48.924	ug/L	95
51) Chlorobenzene	11.610	112	196236	49.439	ug/L	96
52) Ethylbenzene	11.687	91	368710	53.329	ug/L	98
53) m,p-Xylene	11.799	106	139492	53.508	ug/L	91
54) o-Xylene	12.122	106	132526	53.771	ug/L	99
55) Styrene	12.140	104	230037	53.720	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	58196	48.687	ug/L	95
59) Bromoform	12.304	173	37613	48.657	ug/L	99
60) Isopropylbenzene	12.422	105	370028	52.747	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	40313	48.915	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	300114	54.596	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	289885	54.705	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	152609	49.980	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	154438	49.556	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	132774	49.602	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	8592	46.272	ug/L	99
69) 1,3,5-Trichlorobenzene	14.598	180	102290	50.823	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	82289	50.820	ug/L	98
71) Naphthalene	15.334	128	152505	52.094	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	72409	51.854	ug/L	98

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

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