

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075762.D
 Acq On : 20 Apr 2023 12:30
 Operator : KP/SY
 Sample : VSTD10027
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100127

Quant Time: Apr 21 05:43:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 05:40:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	410639	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	377721	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	189631	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	940783	104.435	ug/L	0.00
7) Chloroethane-d5	2.799	69	778550	100.027	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	225903	108.772	ug/L	0.00
21) 2-Butanone-d5	6.987	46	161227	206.163	ug/L	0.00
24) Chloroform-d	7.569	84	1021051	99.433	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	428553	97.727	ug/L	0.00
32) Benzene-d6	8.204	84	2232896	101.425	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	604374	99.182	ug/L	0.00
41) Toluene-d8	10.269	98	2165378	105.061	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	259552	103.049	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	159940	217.988	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	430249	92.270	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	669144	99.761	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	593509	104.843	ug/L	99
3) Chloromethane	2.146	50	740524	93.838	ug/L	99
5) Vinyl chloride	2.281	62	994829	96.456	ug/L	98
6) Bromomethane	2.693	94	706933	102.005	ug/L	99
8) Chloroethane	2.834	64	629924	94.437	ug/L	96
9) Trichlorofluoromethane	3.175	101	804008	97.020	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	562670	101.063	ug/L	100
12) 1,1-Dichloroethene	3.940	96	574097	106.329	ug/L	96
13) Acetone	4.022	43	121833	182.046	ug/L	98
14) Carbon disulfide	4.269	76	1875798	99.466	ug/L	98
15) Methyl Acetate	4.563	43	136335	93.999	ug/L	# 56
16) Methylene chloride	4.799	84	585392	70.272	ug/L	98
17) trans-1,2-Dichloroethene	5.310	96	615331	101.637	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	1036037	106.682	ug/L	99
19) 1,1-Dichloroethane	6.110	63	863121	97.318	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	668183	104.377	ug/L	98
22) 2-Butanone	7.081	43	184997	212.035	ug/L	99
23) Bromochloromethane	7.428	128	292703	98.591	ug/L	95
25) Chloroform	7.599	83	952833	95.859	ug/L	99
27) 1,2-Dichloroethane	8.328	62	482426	94.025	ug/L	97
29) Cyclohexane	7.875	56	735566	113.755	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	783884	98.087	ug/L	99
31) Carbon tetrachloride	7.993	117	659339	102.835	ug/L	98
33) Benzene	8.252	78	2264430	99.109	ug/L	100
34) Trichloroethene	9.028	95	601879	101.865	ug/L	97
35) Methylcyclohexane	9.275	83	1012199	111.112	ug/L	98
37) 1,2-Dichloropropane	9.304	63	515917	98.301	ug/L	99
38) Bromodichloromethane	9.587	83	675495	95.454	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	869292	104.147	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	393910	205.855	ug/L	98
42) Toluene	10.334	91	2527197	102.212	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	693266	103.392	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	418602	93.752	ug/L	97
46) Tetrachloroethene	10.810	164	494241	101.983	ug/L	95
48) 2-Hexanone	10.922	43	285328	211.511	ug/L	96
49) Dibromochloromethane	11.075	129	478715	98.485	ug/L	95
50) 1,2-Dibromoethane	11.181	107	391191	97.179	ug/L	100
51) Chlorobenzene	11.610	112	1604676	99.206	ug/L	100
52) Ethylbenzene	11.687	91	2642427	104.221	ug/L	100
53) m,p-Xylene	11.793	106	1068917	105.878	ug/L	100
54) o-Xylene	12.122	106	1028707	107.280	ug/L	97
55) Styrene	12.134	104	1773410	106.259	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	417059	91.802	ug/L	99
59) Bromoform	12.298	173	275772	94.888	ug/L	100
60) Isopropylbenzene	12.422	105	2598605	103.346	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	264851	88.909	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	2071113	110.460	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	1994426	110.347	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	1202277	99.932	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	1204885	95.423	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	1065658	99.187	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	60744	102.002	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	879747	109.097	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	783010	117.171	ug/L	99
71) Naphthalene	15.333	128	1406873	115.042	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	669955	112.311	ug/L	99

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

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