

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
 Data File : VD078958.D
 Acq On : 17 May 2024 10:33
 Operator : RP/MD
 Sample : VSTD02529
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025129

Quant Time: May 18 00:35:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 18 00:33:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	142737	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	147757	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	82503	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	73953	21.135	ug/L	0.00
7) Chloroethane-d5	2.799	69	79239	21.155	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	13837	20.550	ug/L	0.00
21) 2-Butanone-d5	6.993	46	20019	40.420	ug/L	0.00
24) Chloroform-d	7.569	84	85925	20.222	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	42137	20.881	ug/L	0.00
32) Benzene-d6	8.198	84	162725	21.584	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.204	67	47512	20.683	ug/L	0.00
41) Toluene-d8	10.269	98	144211	20.752	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	20653	19.517	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	19292	41.903	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	54574	20.884	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	55308	19.751	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	59800	20.939	ug/L	100
3) Chloromethane	2.146	50	72497	20.688	ug/L	100
5) Vinyl chloride	2.281	62	119239	20.797	ug/L	100
6) Bromomethane	2.693	94	80902	19.731	ug/L	100
8) Chloroethane	2.834	64	94888	21.429	ug/L	100
9) Trichlorofluoromethane	3.175	101	92956	20.788	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	59869	21.332	ug/L	100
12) 1,1-Dichloroethene	3.934	96	50134	20.313	ug/L	100
13) Acetone	4.016	43	26576	43.433	ug/L	100
14) Carbon disulfide	4.275	76	135351	18.925	ug/L	100
15) Methyl Acetate	4.558	43	22124	21.909	ug/L	100
16) Methylene chloride	4.799	84	63068	18.653	ug/L	100
17) trans-1,2-Dichloroethene	5.316	96	55548	22.104	ug/L	100
18) Methyl tert-butyl Ether	5.322	73	121351	22.649	ug/L	100
19) 1,1-Dichloroethane	6.110	63	98633	23.368	ug/L	100
20) cis-1,2-Dichloroethene	7.075	96	65011	22.681	ug/L	100
22) 2-Butanone	7.081	43	33034	48.025	ug/L	100
23) Bromochloromethane	7.422	128	32308	22.558	ug/L	100
25) Chloroform	7.593	83	113554	22.382	ug/L	100
27) 1,2-Dichloroethane	8.322	62	67095	22.834	ug/L	100
29) Cyclohexane	7.881	56	65316	23.000	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	93157	22.788	ug/L	100
31) Carbon tetrachloride	7.993	117	86448	22.966	ug/L	100
33) Benzene	8.251	78	238409	23.539	ug/L	100
34) Trichloroethene	9.028	95	59184	22.682	ug/L	100
35) Methylcyclohexane	9.275	83	87910	22.410	ug/L	100
37) 1,2-Dichloropropane	9.304	63	60063	23.401	ug/L	100
38) Bromodichloromethane	9.581	83	85317	23.506	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	94160	23.385	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	61170	47.181	ug/L	100
42) Toluene	10.334	91	263026	23.621	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	85469	24.010	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	56159	23.927	ug/L	100
46) Tetrachloroethene	10.810	164	48243	21.489	ug/L	100
48) 2-Hexanone	10.922	43	47836	47.595	ug/L	100
49) Dibromochloromethane	11.069	129	65381	22.913	ug/L	100
50) 1,2-Dibromoethane	11.181	107	50867	22.943	ug/L	100
51) Chlorobenzene	11.604	112	177896	22.613	ug/L	100
52) Ethylbenzene	11.681	91	285676	23.771	ug/L	100
53) m,p-Xylene	11.792	106	113441	23.595	ug/L	100
54) o-Xylene	12.122	106	108226	23.112	ug/L	100
55) Styrene	12.134	104	205798	24.870	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	66873	23.491	ug/L	100
59) Bromoform	12.298	173	41349	22.144	ug/L	100
60) Isopropylbenzene	12.422	105	287998	23.612	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	42071	22.246	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	215009	23.848	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	217980	23.793	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	135654	22.900	ug/L	100
65) 1,4-Dichlorobenzene	13.534	146	142112	22.252	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	125932	22.461	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	8891	22.569	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	83618	21.734	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	68666	21.083	ug/L	100
71) Naphthalene	15.328	128	144457	21.738	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	66062	21.700	ug/L	100

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

