

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
 Data File : VD075553.D
 Acq On : 31 Mar 2023 11:44
 Operator : KP/SY
 Sample : VSTD00518
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005118

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Mar 31 23:55:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 23:54:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	340198	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	307434	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	139838	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	39640	5.004	ug/L	0.00
7) Chloroethane-d5	2.805	69	37875	5.374	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	33282	5.209	ug/L	0.00
21) 2-Butanone-d5	6.993	46	5562m	10.783	ug/L	0.00
24) Chloroform-d	7.569	84	44692	5.572	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	18358	5.165	ug/L	0.00
32) Benzene-d6	8.205	84	84906	4.724	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.204	67	24121	5.036	ug/L	0.00
41) Toluene-d8	10.269	98	95885	5.689	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	11737	5.878	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	6419	11.325	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.657	84	18846	5.252	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	23251	4.847	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	20360	6.386	ug/L	97
3) Chloromethane	2.152	50	27151	6.508	ug/L	99
5) Vinyl chloride	2.287	62	41402	6.367	ug/L	99
6) Bromomethane	2.693	94	26820	6.045	ug/L	97
8) Chloroethane	2.840	64	27901	6.159	ug/L	99
9) Trichlorofluoromethane	3.175	101	34398	6.084	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	23018	5.861	ug/L	97
12) 1,1-Dichloroethene	3.940	96	18925	5.833	ug/L	91
13) Acetone	4.028	43	6434	11.893	ug/L	100
14) Carbon disulfide	4.269	76	50635	6.523	ug/L	95
15) Methyl Acetate	4.564	43	5708	6.296	ug/L #	85
16) Methylene chloride	4.805	84	31205	6.673	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	19953	5.793	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	34492	5.266	ug/L #	83
19) 1,1-Dichloroethane	6.111	63	34431	5.831	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	21763	5.381	ug/L	92
22) 2-Butanone	7.081	43	7286m	11.306	ug/L	
23) Bromochloromethane	7.428	128	10758	5.641	ug/L	95
25) Chloroform	7.593	83	39227	5.546	ug/L	97
27) 1,2-Dichloroethane	8.328	62	19939	5.454	ug/L	99
29) Cyclohexane	7.875	56	19363	5.161	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	33432	5.520	ug/L	99
31) Carbon tetrachloride	7.993	117	26125	5.344	ug/L	99
33) Benzene	8.252	78	79720	5.039	ug/L	100
34) Trichloroethene	9.028	95	22347	5.042	ug/L	94
35) Methylcyclohexane	9.275	83	30362	5.237	ug/L	98
37) 1,2-Dichloropropane	9.305	63	19599	5.266	ug/L	100
38) Bromodichloromethane	9.587	83	29512	5.567	ug/L	95
39) cis-1,3-Dichloropropene	10.022	75	32969	5.587	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	16253	11.651	ug/L	97
42) Toluene	10.334	91	105565	6.006	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	29997	5.979	ug/L	96

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

45) 1,1,2-Trichloroethane	10.728	97	21152	6.193	ug/L	94
46) Tetrachloroethene	10.810	164	22340	6.436	ug/L	89
48) 2-Hexanone	10.916	43	9480	10.083	ug/L	96
49) Dibromochloromethane	11.075	129	19072	5.158	ug/L	100
50) 1,2-Dibromoethane	11.181	107	16013	5.351	ug/L #	99
51) Chlorobenzene	11.610	112	60308	5.095	ug/L	94
52) Ethylbenzene	11.687	91	90249	4.883	ug/L	93
53) m,p-Xylene	11.798	106	33988	4.690	ug/L	95
54) o-Xylene	12.122	106	32036	4.642	ug/L	92
55) Styrene	12.140	104	56427	4.589	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	18941	5.374	ug/L #	89
59) Bromoform	12.298	173	9888	4.572	ug/L #	87
60) Isopropylbenzene	12.422	105	85593	4.636	ug/L	97
61) 1,2,3-Trichloropropane	12.728	75	12124	5.478	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	60649	4.355	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	57901	4.348	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	41346	4.945	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	44064	5.053	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	37448	4.946	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	2344	5.259	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.598	180	24904	4.830	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	19023	4.558	ug/L	92
71) Naphthalene	15.334	128	32313	4.187	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	17888	4.784	ug/L	97

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

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