Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031825\
Data File : VD080274.D
Acq On : 18 Mar 2025 10:35
Operator : RP/MD
Sample : VSTD2.570
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 24 09:10:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM031825SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Mar 24 09:08:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5870

Manual Integrations APPROVED

Reviewed By :Romaben Patel 03/24/2025
Supervised By :Mahesh Dadoda 03/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.775	114	165050	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.581	117	159709	25.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	75590	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.269	65	16673	3.07	ug/L		0.00
7) Chloroethane-d5	2.793	69	13518	2.79	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.911	65	3253m	2.83	ug/L		0.00
21) 2-Butanone-d5	6.993	46	2512m	4.29	ug/L		0.00
24) Chloroform-d	7.569	84	12978	2.55	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.234	65	6778	2.44	ug/L		0.00
32) Benzene-d6	8.199	84	22361	2.40	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.204	67	7838	2.60	ug/L		0.00
41) Toluene-d8	10.263	98	18725	2.22	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.516	79	3099	2.50	ug/L		0.00
47) 2-Hexanone-d5	10.869	63	1552	3.56	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	6447	2.41	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	6332	2.39	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	7781	2.54	ug/L		93
3) Chloromethane	2.146	50	12833	2.59	ug/L		94
5) Vinyl chloride	2.275	62	16027	2.49	ug/L		97
6) Bromomethane	2.687	94	7391	2.20	ug/L		83
8) Chloroethane	2.834	64	10869	2.49	ug/L		94
9) Trichlorofluoromethane	3.169	101	11965	2.49	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	6984	2.46	ug/L	#	80
12) 1,1-Dichloroethene	3.934	96	5466m	2.26	ug/L		
13) Acetone	4.034	43	3074	5.01	ug/L		85
14) Carbon disulfide	4.263	76	20531	2.29	ug/L	#	95
15) Methyl Acetate	4.569	43	2438m	1.78	ug/L		
16) Methylene chloride	4.799	84	9037	2.80	ug/L		87
17) trans-1,2-Dichloroethene	5.305	96	6279m	2.40	ug/L		
18) Methyl tert-butyl Ether	5.334	73	11097m	2.02	ug/L		
19) 1,1-Dichloroethane	6.110	63	12093	2.33	ug/L		98
20) cis-1,2-Dichloroethene	7.075	96	6438	2.28	ug/L		89
22) 2-Butanone	7.099	43	3524	4.44	ug/L		95
23) Bromochloromethane	7.422	128	3319	2.46	ug/L	#	87
25) Chloroform	7.593	83	13529	2.46	ug/L		94
27) 1,2-Dichloroethane	8.328	62	8238	2.40	ug/L		95
29) Cyclohexane	7.875	56	8421	2.24	ug/L	#	87
30) 1,1,1-Trichloroethane	7.793	97	11366	2.71	ug/L		91
31) Carbon tetrachloride	7.999	117	9560	2.59	ug/L		96
33) Benzene	8.246	78	23112	2.23	ug/L		100
34) Trichloroethene	9.022	95	7654	2.76	ug/L	#	71
35) Methylcyclohexane	9.269	83	8462	2.16	ug/L		93
37) 1,2-Dichloropropane	9.304	63	7470	2.48	ug/L		98
38) Bromodichloromethane	9.587	83	9039	2.37	ug/L	#	85
39) cis-1,3-Dichloropropene	10.016	75	9263	2.12	ug/L		97
40) 4-Methyl-2-pentanone	10.157	43	5693	3.57	ug/L	#	89
42) Toluene	10.334	91	23500	2.12	ug/L		96
44) trans-1,3-Dichloropropene	10.551	75	7300	2.00	ug/L		93

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45) 1,1,2-Trichloroethane	10.734	97	5141	2.28	ug/L		89
46) Tetrachloroethene	10.810	164	5414	2.51	ug/L		83
48) 2-Hexanone	10.916	43	4714	4.17	ug/L	#	83
49) Dibromochloromethane	11.075	129	5812	2.28	ug/L		91
50) 1,2-Dibromoethane	11.175	107	4184	2.09	ug/L	#	92
51) Chlorobenzene	11.604	112	16626	2.26	ug/L		92
52) Ethylbenzene	11.681	91	25552	2.12	ug/L		99
53) m,p-Xylene	11.792	106	8751	1.96	ug/L		100
54) o-Xylene	12.122	106	8845	2.09	ug/L		83
55) Styrene	12.134	104	14365	1.87	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.669	83	6314	2.31	ug/L		89
59) Bromoform	12.304	173	3211	2.29	ug/L	#	96
60) Isopropylbenzene	12.416	105	21402	2.10	ug/L		94
61) 1,2,3-Trichloropropane	12.728	75	4149	2.48	ug/L	#	90
62) 1,3,5-Trimethylbenzene	12.898	105	16675	2.08	ug/L		93
63) 1,2,4-Trimethylbenzene	13.210	105	16817	2.06	ug/L		97
64) 1,3-Dichlorobenzene	13.457	146	11705	2.30	ug/L		93
65) 1,4-Dichlorobenzene	13.534	146	13404	2.45	ug/L		90
67) 1,2-Dichlorobenzene	13.828	146	10999	2.34	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.445	75	1008	2.54	ug/L	#	64
69) 1,3,5-Trichlorobenzene	14.598	180	7945	2.38	ug/L		97
70) 1,2,4-trichlorobenzene	15.092	180	6929	2.49	ug/L		98
71) Naphthalene	15.328	128	10801	2.06	ug/L	#	93
72) 1,2,3-Trichlorobenzene	15.516	180	5800	2.31	ug/L		99

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

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