Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
Data File : VD080189.D
Acq On : 09 Jan 2025 11:02
Operator : RP/MD
Sample : VSTD00563
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 09 19:47:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jan 09 19:44:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTD005863

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.781	114	214247	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.587	117	208445	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	103478	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.281	65	36091	5.744	ug/L		0.00
7) Chloroethane-d5	2.805	69	29244	5.727	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.922	65	7881	5.189	ug/L		0.00
21) 2-Butanone-d5	6.999	46	6989m	9.851	ug/L		0.00
24) Chloroform-d	7.569	84	35229	5.240	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.234	65	20171	5.728	ug/L		0.00
32) Benzene-d6	8.205	84	65655	4.879	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.216	67	22838	5.128	ug/L		0.00
41) Toluene-d8	10.275	98	59405	4.844	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.528	79	9192	5.051	ug/L		0.00
47) 2-Hexanone-d5	10.875	63	5360	9.656	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.657	84	17759	5.321	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	20195	5.192	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	10873	2.557	ug/L		100
3) Chloromethane	2.152	50	14552	2.510	ug/L		96
5) Vinyl chloride	2.287	62	20242	2.846	ug/L		99
6) Bromomethane	2.705	94	11925	2.879	ug/L		86
8) Chloroethane	2.840	64	14393	3.299	ug/L		97
9) Trichlorofluoromethane	3.181	101	21984	3.720	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	13714	4.067	ug/L	#	79
12) 1,1-Dichloroethene	3.952	96	9737	3.235	ug/L		84
13) Acetone	4.022	43	5385m	9.366	ug/L		
14) Carbon disulfide	4.281	76	21836	1.947	ug/L	#	92
15) Methyl Acetate	4.564	43	5138m	3.634	ug/L		
16) Methylene chloride	4.805	84	14827m	4.077	ug/L		
17) trans-1,2-Dichloroethene	5.316	96	10789	3.276	ug/L		95
18) Methyl tert-butyl Ether	5.328	73	24681	3.956	ug/L	#	84
19) 1,1-Dichloroethane	6.128	63	26005m	4.114	ug/L		
20) cis-1,2-Dichloroethene	7.075	96	13302m	3.863	ug/L		
22) 2-Butanone	7.099	43	5956m	7.277	ug/L		
23) Bromochloromethane	7.440	128	7204m	4.316	ug/L		
25) Chloroform	7.599	83	32323	4.614	ug/L		96
27) 1,2-Dichloroethane	8.328	62	18016	4.408	ug/L	#	91
29) Cyclohexane	7.881	56	11726	2.236	ug/L	#	66
30) 1,1,1-Trichloroethane	7.799	97	22839	4.136	ug/L		98
31) Carbon tetrachloride	7.993	117	19516	4.004	ug/L		100
33) Benzene	8.257	78	47806	3.373	ug/L		100
34) Trichloroethene	9.034	95	14284	3.891	ug/L		92
35) Methylcyclohexane	9.281	83	14353	2.629	ug/L		93
37) 1,2-Dichloropropane	9.304	63	16183	4.191	ug/L		98
38) Bromodichloromethane	9.587	83	21443	4.429	ug/L		98
39) cis-1,3-Dichloropropene	10.022	75	20928	3.834	ug/L		97
40) 4-Methyl-2-pentanone	10.163	43	14429	7.612	ug/L		94
42) Toluene	10.340	91	52775	3.564	ug/L		95
44) trans-1,3-Dichloropropene	10.557	75	18746	3.977	ug/L		97

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45) 1,1,2-Trichloroethane	10.734	97	12695	4.502	ug/L		95
46) Tetrachloroethene	10.816	164	10794	3.649	ug/L		86
48) 2-Hexanone	10.928	43	9868	7.812	ug/L		96
49) Dibromochloromethane	11.075	129	14382	4.580	ug/L		97
50) 1,2-Dibromoethane	11.181	107	10404	4.060	ug/L	#	94
51) Chlorobenzene	11.610	112	38723	4.079	ug/L		95
52) Ethylbenzene	11.687	91	57451	3.615	ug/L		99
53) m,p-Xylene	11.793	106	21468	3.615	ug/L		94
54) o-Xylene	12.122	106	19388	3.490	ug/L		94
55) Styrene	12.134	104	35728	3.551	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.675	83	15189	4.752	ug/L	#	88
59) Bromoform	12.304	173	8836	4.759	ug/L		99
60) Isopropylbenzene	12.422	105	53425	3.702	ug/L		97
61) 1,2,3-Trichloropropane	12.722	75	10264	4.691	ug/L		95
62) 1,3,5-Trimethylbenzene	12.904	105	41487	3.607	ug/L		99
63) 1,2,4-Trimethylbenzene	13.216	105	40716	3.629	ug/L		99
64) 1,3-Dichlorobenzene	13.463	146	29852	4.229	ug/L		98
65) 1,4-Dichlorobenzene	13.540	146	31181	4.278	ug/L		93
67) 1,2-Dichlorobenzene	13.834	146	27682	4.378	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.457	75	2275	4.760	ug/L		86
69) 1,3,5-Trichlorobenzene	14.598	180	21298	4.437	ug/L		99
70) 1,2,4-trichlorobenzene	15.104	180	16935	4.323	ug/L		96
71) Naphthalene	15.334	128	27832	4.038	ug/L		97
72) 1,2,3-Trichlorobenzene	15.522	180	14822	4.074	ug/L		97

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

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