Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031825\
Data File : VD080275.D
Acq On : 18 Mar 2025 11:03
Operator : RP/MD
Sample : VSTD00571
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 24 09:10:55 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 :
VSTD005871

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	166554	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.581	117	162737	25.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	78733	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.270	65	30051	5.48	ug/L		0.00
7) Chloroethane-d5	2.793	69	25102	5.14	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.911	65	5450m	4.70	ug/L		0.00
21) 2-Butanone-d5	6.999	46	5358m	9.06	ug/L		0.01
24) Chloroform-d	7.569	84	25428	4.95	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.228	65	13946	4.97	ug/L		0.00
32) Benzene-d6	8.199	84	44989	4.73	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.210	67	15023	4.90	ug/L		0.00
41) Toluene-d8	10.263	98	37929	4.42	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.528	79	5419	4.29	ug/L		0.00
47) 2-Hexanone-d5	10.881	63	3277m	7.38	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	12824	4.70	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	12675	4.60	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	15624	5.05	ug/L		96
3) Chloromethane	2.152	50	25370	5.07	ug/L		96
5) Vinyl chloride	2.275	62	32054	4.93	ug/L		93
6) Bromomethane	2.687	94	16672	4.93	ug/L		92
8) Chloroethane	2.828	64	22430	5.10	ug/L		97
9) Trichlorofluoromethane	3.164	101	24080	4.96	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	14700	5.13	ug/L	#	57
12) 1,1-Dichloroethene	3.934	96	11237	4.61	ug/L		93
13) Acetone	4.034	43	5669	9.16	ug/L		97
14) Carbon disulfide	4.264	76	42792	4.74	ug/L		99
15) Methyl Acetate	4.564	43	6551m	4.74	ug/L		
16) Methylene chloride	4.793	84	17605	5.40	ug/L		93
17) trans-1,2-Dichloroethene	5.305	96	12220	4.63	ug/L		86
18) Methyl tert-butyl Ether	5.328	73	23126m	4.17	ug/L		
19) 1,1-Dichloroethane	6.105	63	27023	5.16	ug/L		89
20) cis-1,2-Dichloroethene	7.081	96	13678	4.81	ug/L		98
22) 2-Butanone	7.093	43	7283	9.09	ug/L	#	83
23) Bromochloromethane	7.428	128	6827	5.02	ug/L	#	89
25) Chloroform	7.593	83	29446	5.31	ug/L		92
27) 1,2-Dichloroethane	8.322	62	17864	5.16	ug/L		98
29) Cyclohexane	7.869	56	16714	4.36	ug/L	#	93
30) 1,1,1-Trichloroethane	7.793	97	21593	5.05	ug/L		97
31) Carbon tetrachloride	7.987	117	19593	5.22	ug/L		100
33) Benzene	8.252	78	51665	4.89	ug/L		100
34) Trichloroethene	9.028	95	13852	4.91	ug/L		88
35) Methylcyclohexane	9.275	83	17935	4.48	ug/L		94
37) 1,2-Dichloropropane	9.299	63	15308	4.99	ug/L	#	97
38) Bromodichloromethane	9.581	83	20004	5.14	ug/L		90
39) cis-1,3-Dichloropropene	10.016	75	20286	4.56	ug/L		99
40) 4-Methyl-2-pentanone	10.151	43	14174	8.73	ug/L		97
42) Toluene	10.334	91	51590	4.57	ug/L		98
44) trans-1,3-Dichloropropene	10.551	75	17794	4.79	ug/L		98

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	11971	5.21	ug/L		90
46) Tetrachloroethene	10.810	164	10793	4.92	ug/L		94
48) 2-Hexanone	10.916	43	11259m	9.76	ug/L		
49) Dibromochloromethane	11.075	129	13072	5.03	ug/L		94
50) 1,2-Dibromoethane	11.175	107	9990	4.91	ug/L	#	89
51) Chlorobenzene	11.604	112	37629	5.03	ug/L		99
52) Ethylbenzene	11.681	91	55081	4.48	ug/L		100
53) m,p-Xylene	11.787	106	20310	4.46	ug/L		99
54) o-Xylene	12.116	106	18324	4.24	ug/L		96
55) Styrene	12.134	104	33559	4.28	ug/L		92
57) 1,1,2,2-Tetrachloroethane	12.669	83	13497	4.85	ug/L		96
59) Bromoform	12.298	173	8298	5.69	ug/L		95
60) Isopropylbenzene	12.416	105	50940	4.81	ug/L		98
61) 1,2,3-Trichloropropane	12.722	75	9338	5.35	ug/L		94
62) 1,3,5-Trimethylbenzene	12.898	105	38092	4.56	ug/L		96
63) 1,2,4-Trimethylbenzene	13.210	105	38212	4.50	ug/L		97
64) 1,3-Dichlorobenzene	13.457	146	26025	4.91	ug/L		98
65) 1,4-Dichlorobenzene	13.534	146	29369	5.15	ug/L		97
67) 1,2-Dichlorobenzene	13.828	146	23795	4.86	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.439	75	2500	6.06	ug/L	#	50
69) 1,3,5-Trichlorobenzene	14.592	180	16193	4.65	ug/L		98
70) 1,2,4-trichlorobenzene	15.098	180	13147	4.53	ug/L	#	95
71) Naphthalene	15.328	128	22058	4.05	ug/L	#	93
72) 1,2,3-Trichlorobenzene	15.522	180	11418	4.36	ug/L		91

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

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