Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
Data File : VD080125.D
Acq On : 11 Dec 2024 10:52
Operator : RP/MD
Sample : VSTD05059
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD050859

Quant Time: Dec 12 00:22:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 12 00:19:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.775	114	213762	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.581	117	210300	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	114955	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.270	65	161227	47.324	ug/L		0.00
7) Chloroethane-d5	2.793	69	144834	47.674	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.911	65	68727	52.462	ug/L		0.00
21) 2-Butanone-d5	6.993	46	82289	114.637	ug/L		0.00
24) Chloroform-d	7.569	84	286932	48.615	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.228	65	160069	51.250	ug/L		0.00
32) Benzene-d6	8.199	84	572541	45.817	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.210	67	185958	43.826	ug/L		0.00
41) Toluene-d8	10.269	98	599575	50.785	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.528	79	80298	46.220	ug/L		0.00
47) 2-Hexanone-d5	10.875	63	67466	105.134	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	166311	45.803	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	212135	51.111	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	241114	61.192	ug/L		98
3) Chloromethane	2.152	50	164964	53.270	ug/L		96
5) Vinyl chloride	2.281	62	236263	55.182	ug/L		95
6) Bromomethane	2.687	94	152370	53.399	ug/L		98
8) Chloroethane	2.834	64	150352	52.678	ug/L		96
9) Trichlorofluoromethane	3.170	101	348073	55.710	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	207006	55.901	ug/L		97
12) 1,1-Dichloroethene	3.934	96	190723	59.003	ug/L		91
13) Acetone	4.022	43	134532	104.195	ug/L		99
14) Carbon disulfide	4.269	76	647254	61.722	ug/L		100
15) Methyl Acetate	4.569	43	87072	56.244	ug/L		96
16) Methylene chloride	4.805	84	212683	57.918	ug/L		93
17) trans-1,2-Dichloroethene	5.305	96	208349	63.511	ug/L		91
18) Methyl tert-butyl Ether	5.322	73	451437	64.115	ug/L	#	99
19) 1,1-Dichloroethane	6.111	63	330800	53.001	ug/L		97
20) cis-1,2-Dichloroethene	7.081	96	189627	53.918	ug/L		96
22) 2-Butanone	7.081	43	143304	111.635	ug/L		98
23) Bromochloromethane	7.422	128	84118	49.071	ug/L		95
25) Chloroform	7.599	83	343212	48.636	ug/L		97
27) 1,2-Dichloroethane	8.328	62	217421	53.874	ug/L		98
29) Cyclohexane	7.875	56	270365	54.013	ug/L		98
30) 1,1,1-Trichloroethane	7.793	97	264674	43.460	ug/L		98
31) Carbon tetrachloride	7.993	117	229780	45.520	ug/L		100
33) Benzene	8.252	78	734752	48.374	ug/L		100
34) Trichloroethene	9.028	95	178998	43.360	ug/L		99
35) Methylcyclohexane	9.275	83	291712	47.836	ug/L		100
37) 1,2-Dichloropropane	9.304	63	200069	45.972	ug/L		99
38) Bromodichloromethane	9.587	83	245965	44.826	ug/L		100
39) cis-1,3-Dichloropropene	10.016	75	300717	48.419	ug/L		98
40) 4-Methyl-2-pentanone	10.157	43	262110	108.925	ug/L		99
42) Toluene	10.334	91	872395	52.941	ug/L		98
44) trans-1,3-Dichloropropene	10.551	75	262112	51.232	ug/L		94

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Quant Title : SFAM01.0
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	150025	47.932	ug/L	97
46) Tetrachloroethene	10.810	164	140464	49.129	ug/L	95
48) 2-Hexanone	10.922	43	215879	112.474	ug/L	97
49) Dibromochloromethane	11.075	129	164369	48.377	ug/L	97
50) 1,2-Dibromoethane	11.181	107	134401	48.427	ug/L	97
51) Chlorobenzene	11.604	112	482210	48.891	ug/L	99
52) Ethylbenzene	11.681	91	864336	52.820	ug/L	95
53) m,p-Xylene	11.793	106	322927	51.617	ug/L	100
54) o-Xylene	12.122	106	313324	52.201	ug/L	95
55) Styrene	12.134	104	577162	53.125	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	182442	45.750	ug/L	99
59) Bromoform	12.298	173	104526	47.272	ug/L	97
60) Isopropylbenzene	12.422	105	848076	51.832	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	126557	44.638	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	683738	50.122	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	676094	52.092	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	384027	48.252	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	396983	46.269	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	419708	54.612	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	28826	50.421	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	262808	47.802	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	221768	50.460	ug/L	98
71) Naphthalene	15.334	128	441200	52.842	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	206515	46.690	ug/L	97

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

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