Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030564.D
Acq On : 11 Oct 2024 21:13
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

Quant Time: Oct 14 01:46:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Oct 14 01:34:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	297865	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	283836	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	141527	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	105602	22.555	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.200%			
7) Chloroethane-d5	2.905	69	89720	25.316	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.280%			
11) 1,1-Dichloroethene-d2	4.027	65	48060	24.680	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.720%			
21) 2-Butanone-d5	7.081	46	48371	57.408	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.820%			
24) Chloroform-d	7.648	84	231331	27.157	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.640%			
26) 1,2-Dichloroethane-d4	8.306	65	123055	27.781	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.120%			
32) Benzene-d6	8.276	84	430548	26.135	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.560%			
36) 1,2-Dichloropropane-d6	9.276	67	131003	27.094	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.360%			
41) Toluene-d8	10.324	98	403524	26.832	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.320%			
43) trans-1,3-Dichloroprop...	10.580	79	54472	26.904	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.600%			
47) 2-Hexanone-d5	10.922	63	37920	60.889	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.780%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100740	28.370	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.480%			
66) 1,2-Dichlorobenzene-d4	13.848	152	131939	27.552	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	90510	23.783	ug/L	92
3) Chloromethane	2.222	50	116141	26.258	ug/L	98
5) Vinyl chloride	2.375	62	145153	26.685	ug/L	98
6) Bromomethane	2.795	94	98464	27.502	ug/L	98
8) Chloroethane	2.935	64	91837	27.619	ug/L	100
9) Trichlorofluoromethane	3.271	101	118635	24.375	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	109466	24.999	ug/L #	86
12) 1,1-Dichloroethene	4.045	96	107294	26.848	ug/L	91
13) Acetone	4.118	43	54312	44.029	ug/L	96
14) Carbon disulfide	4.392	76	345569	26.480	ug/L	100
15) Methyl Acetate	4.667	43	44124	28.957	ug/L	98
16) Methylene chloride	4.923	84	119537	26.546	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	119374	27.682	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	183468	30.399	ug/L	99
19) 1,1-Dichloroethane	6.221	63	223278	27.859	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	128022	27.834	ug/L	95
22) 2-Butanone	7.166	43	64409	48.439	ug/L	100
23) Bromochloromethane	7.514	128	55390	27.528	ug/L	87
25) Chloroform	7.678	83	236541	27.618	ug/L	96

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	155623	27.542	ug/L	100
29) Cyclohexane	7.959	56	190420	27.560	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	192863	25.597	ug/L	99
31) Carbon tetrachloride	8.075	117	170767	25.375	ug/L	99
33) Benzene	8.325	78	496473	26.879	ug/L	100
34) Trichloroethene	9.093	95	130891	25.472	ug/L	99
35) Methylcyclohexane	9.337	83	216574	26.780	ug/L	99
37) 1,2-Dichloropropane	9.367	63	127012	27.533	ug/L	99
38) Bromodichloromethane	9.648	83	166202	27.079	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	194223	27.912	ug/L	92
40) 4-Methyl-2-pentanone	10.209	43	132893	59.964	ug/L	97
42) Toluene	10.385	91	546258	27.721	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	163759	28.006	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	90238	27.066	ug/L	95
46) Tetrachloroethene	10.861	164	91558	24.157	ug/L	94
48) 2-Hexanone	10.964	43	96209	53.085	ug/L	99
49) Dibromochloromethane	11.129	129	99929	26.862	ug/L	96
50) 1,2-Dibromoethane	11.233	107	86452	27.789	ug/L	98
51) Chlorobenzene	11.653	112	339138	26.735	ug/L	97
52) Ethylbenzene	11.727	91	625056	27.798	ug/L	97
53) m,p-Xylene	11.836	106	227449	27.000	ug/L	97
54) o-Xylene	12.165	106	217479	27.925	ug/L	98
55) Styrene	12.178	104	378839	28.455	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	106329	28.281	ug/L	97
59) Bromoform	12.348	173	54009	27.162	ug/L	98
60) Isopropylbenzene	12.464	105	614052	28.017	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	73261	26.602	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	503122	29.097	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	488300	28.843	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	260125	27.267	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	260042	26.399	ug/L	93
67) 1,2-Dichlorobenzene	13.866	146	234768	27.966	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	16298	26.541	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	171161	27.207	ug/L	94
70) 1,2,4-trichlorobenzene	15.128	180	137895	27.228	ug/L	98
71) Naphthalene	15.360	128	256422	29.306	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	118050	26.888	ug/L	98

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

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