Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031498.D
Acq On : 23 Dec 2024 09:27
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050606

Quant Time: Dec 24 00:02:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Dec 23 01:56:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	565001	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	493623	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	231386	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	185293	21.796	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.200%			
7) Chloroethane-d5	2.899	69	153190	24.360	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.440%			
11) 1,1-Dichloroethene-d2	4.027	65	82358	20.424	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.680%			
21) 2-Butanone-d5	7.111	46	56909	35.547	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.100%			
24) Chloroform-d	7.654	84	350749	22.657	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.640%			
26) 1,2-Dichloroethane-d4	8.312	65	165010	21.224	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.880%			
32) Benzene-d6	8.276	84	683760	21.612	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.440%			
36) 1,2-Dichloropropane-d6	9.276	67	200967	21.795	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.160%			
41) Toluene-d8	10.324	98	622712	21.157	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.640%			
43) trans-1,3-Dichloroprop...	10.580	79	72532	17.060	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 68.240%			
47) 2-Hexanone-d5	10.928	63	42820	34.531	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.060%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	119304	20.607	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.440%			
66) 1,2-Dichlorobenzene-d4	13.848	152	195188	22.723	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	152957	29.955	ug/L	99
3) Chloromethane	2.222	50	160554	27.988	ug/L	99
5) Vinyl chloride	2.368	62	238516	30.003	ug/L	98
6) Bromomethane	2.795	94	148468	30.377	ug/L	99
8) Chloroethane	2.935	64	151005	31.940	ug/L	97
9) Trichlorofluoromethane	3.271	101	273292	32.269	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	195510	28.588	ug/L #	72
12) 1,1-Dichloroethene	4.051	96	186767	26.964	ug/L #	79
13) Acetone	4.203	43	78732	35.312	ug/L #	100
14) Carbon disulfide	4.392	76	503507	22.290	ug/L	99
15) Methyl Acetate	4.697	43	48894	19.308	ug/L	98
16) Methylene chloride	4.929	84	177317	24.943	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	198085	26.531	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	286002	22.914	ug/L	98
19) 1,1-Dichloroethane	6.227	63	369467	26.482	ug/L	98
20) cis-1,2-Dichloroethene	7.179	96	217457	26.920	ug/L	94
22) 2-Butanone	7.209	43	89864	33.264	ug/L	99
23) Bromochloromethane	7.526	128	82806	25.703	ug/L	82
25) Chloroform	7.678	83	380883	27.661	ug/L	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Dec 23 01:56:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	217343	25.107	ug/L	99
29) Cyclohexane	7.959	56	336436	25.132	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	331870	26.011	ug/L	98
31) Carbon tetrachloride	8.075	117	291172	25.616	ug/L	100
33) Benzene	8.325	78	814199	26.691	ug/L	100
34) Trichloroethene	9.093	95	231368	26.865	ug/L	98
35) Methylcyclohexane	9.337	83	398710	26.584	ug/L	96
37) 1,2-Dichloropropane	9.367	63	198800	26.124	ug/L	99
38) Bromodichloromethane	9.648	83	246616	24.928	ug/L	97
39) cis-1,3-Dichloropropene	10.074	75	304762	23.700	ug/L	99
40) 4-Methyl-2-pentanone	10.215	43	151531	37.532	ug/L	99
42) Toluene	10.385	91	907020	27.310	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	232529	22.146	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	124436	24.584	ug/L	94
46) Tetrachloroethene	10.861	164	176158	27.925	ug/L	93
48) 2-Hexanone	10.971	43	129703	37.773	ug/L	98
49) Dibromochloromethane	11.129	129	138102	23.017	ug/L	96
50) 1,2-Dibromoethane	11.233	107	114526	23.884	ug/L	98
51) Chlorobenzene	11.653	112	565417	27.153	ug/L	100
52) Ethylbenzene	11.727	91	1056170	27.439	ug/L	97
53) m,p-Xylene	11.842	106	396109	27.032	ug/L	97
54) o-Xylene	12.165	106	383869	27.796	ug/L	91
55) Styrene	12.178	104	632268	27.524	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	127716	23.406	ug/L	94
59) Bromoform	12.348	173	69919	21.510	ug/L	99
60) Isopropylbenzene	12.464	105	1084543	28.642	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	92792	23.436	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	868608	27.057	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	845725	27.257	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	425031	27.705	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	433029	28.488	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	369385	27.945	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	18183	18.096	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	306191	28.497	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	235167	26.311	ug/L	96
71) Naphthalene	15.360	128	369498	23.580	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	195711	27.178	ug/L	98

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

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