Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050724\
Data File : VW028587.D
Acq On : 07 May 2024 09:32
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

Quant Time: May 08 04:23:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 03 23:00:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	294221	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	270373	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129845	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	133979	23.980	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.920%			
7) Chloroethane-d5	2.899	69	106968	25.004	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.000%			
11) 1,1-Dichloroethene-d2	4.027	65	57604	24.677	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.720%			
21) 2-Butanone-d5	7.081	46	61430	42.144	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.280%			
24) Chloroform-d	7.655	84	235691	25.637	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.560%			
26) 1,2-Dichloroethane-d4	8.307	65	130326	24.761	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.040%			
32) Benzene-d6	8.276	84	466324	25.851	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.400%			
36) 1,2-Dichloropropane-d6	9.276	67	138978	25.603	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.400%			
41) Toluene-d8	10.325	98	411701	25.772	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.080%			
43) trans-1,3-Dichloroprop...	10.575	79	54920	25.150	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.600%			
47) 2-Hexanone-d5	10.922	63	41489	44.316	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.640%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	104343	22.924	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.680%			
66) 1,2-Dichlorobenzene-d4	13.849	152	125630	25.385	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	100923	23.604	ug/L	92
3) Chloromethane	2.223	50	126318	23.848	ug/L	99
5) Vinyl chloride	2.375	62	146171	24.511	ug/L	98
6) Bromomethane	2.796	94	83877	24.314	ug/L	98
8) Chloroethane	2.942	64	86032	25.296	ug/L	99
9) Trichlorofluoromethane	3.271	101	123272	25.178	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	108460	24.028	ug/L	96
12) 1,1-Dichloroethene	4.045	96	98530	24.333	ug/L	95
13) Acetone	4.125	43	65902	49.698	ug/L	97
14) Carbon disulfide	4.393	76	334268	24.425	ug/L	99
15) Methyl Acetate	4.673	43	48444	20.998	ug/L	99
16) Methylene chloride	4.917	84	102250	22.471	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	105605	25.050	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	149864	24.089	ug/L	99
19) 1,1-Dichloroethane	6.222	63	207764	24.853	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	111013	25.162	ug/L	97
22) 2-Butanone	7.173	43	75000	44.065	ug/L	99
23) Bromochloromethane	7.520	128	47587	24.726	ug/L	90
25) Chloroform	7.679	83	202774	25.078	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Fri May 03 23:00:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	143650	24.440	ug/L	99
29) Cyclohexane	7.959	56	192694	24.996	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	170414	25.152	ug/L	99
31) Carbon tetrachloride	8.075	117	150337	24.337	ug/L	99
33) Benzene	8.325	78	437811	24.971	ug/L	100
34) Trichloroethene	9.093	95	114739	24.409	ug/L	96
35) Methylcyclohexane	9.337	83	207430	25.251	ug/L	99
37) 1,2-Dichloropropane	9.368	63	115133	25.201	ug/L	100
38) Bromodichloromethane	9.642	83	141785	25.460	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	170620	26.057	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	135464	43.567	ug/L	100
42) Toluene	10.386	91	461909	25.508	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	141962	25.713	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	77425	23.395	ug/L	97
46) Tetrachloroethene	10.861	164	85733	25.314	ug/L	92
48) 2-Hexanone	10.965	43	108262	49.318	ug/L	98
49) Dibromochloromethane	11.130	129	83033	25.014	ug/L	99
50) 1,2-Dibromoethane	11.233	107	72086	23.253	ug/L	100
51) Chlorobenzene	11.654	112	282566	25.226	ug/L	98
52) Ethylbenzene	11.727	91	534037	26.060	ug/L	96
53) m,p-Xylene	11.837	106	194071	25.835	ug/L	90
54) o-Xylene	12.166	106	182069	26.199	ug/L	99
55) Styrene	12.178	104	316225	26.855	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	92124	22.187	ug/L	100
59) Bromoform	12.349	173	46078	24.324	ug/L	96
60) Isopropylbenzene	12.459	105	524603	26.630	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68826	21.933	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	375571	26.946	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	410089	27.307	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	212462	25.926	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	217294	25.935	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	194770	26.554	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.477	75	14861	20.255	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	140817	25.607	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	117750	26.501	ug/L	97
71) Naphthalene	15.354	128	217388	22.963	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	98807	24.644	ug/L	99

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

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