Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052324\
Data File : VW028700.D
Acq On : 23 May 2024 11:41
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

Quant Time: May 24 00:14:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 23 00:20:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	317501	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	293963	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147303	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	147824	24.518	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.080%			
7) Chloroethane-d5	2.899	69	112180	24.300	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.200%			
11) 1,1-Dichloroethene-d2	4.021	65	63377	25.160	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.640%			
21) 2-Butanone-d5	7.075	46	71423	45.407	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.820%			
24) Chloroform-d	7.648	84	275071	27.726	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.920%			
26) 1,2-Dichloroethane-d4	8.301	65	149036	26.240	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.960%			
32) Benzene-d6	8.276	84	555850	28.341	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 113.360%			
36) 1,2-Dichloropropane-d6	9.276	67	166553	28.221	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.880%			
41) Toluene-d8	10.319	98	502952	28.957	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 115.840%			
43) trans-1,3-Dichloroprop...	10.575	79	65330	27.517	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 110.080%			
47) 2-Hexanone-d5	10.922	63	49342	48.474	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.940%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	126444	25.550	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.200%			
66) 1,2-Dichlorobenzene-d4	13.848	152	155814	27.753	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	97204	21.067	ug/L	92
3) Chloromethane	2.222	50	127033	22.224	ug/L	99
5) Vinyl chloride	2.375	62	145932	22.677	ug/L	100
6) Bromomethane	2.789	94	88057	23.654	ug/L	99
8) Chloroethane	2.930	64	87803	23.924	ug/L	99
9) Trichlorofluoromethane	3.265	101	112372	21.269	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	121272	24.896	ug/L	97
12) 1,1-Dichloroethene	4.045	96	111529	25.524	ug/L	96
13) Acetone	4.118	43	51106	35.714	ug/L	93
14) Carbon disulfide	4.387	76	341676	23.136	ug/L	99
15) Methyl Acetate	4.667	43	60527	24.312	ug/L	99
16) Methylene chloride	4.917	84	130072	26.489	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	123599	27.169	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	181531	27.040	ug/L	98
19) 1,1-Dichloroethane	6.216	63	248397	27.535	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	135765	28.516	ug/L	96
22) 2-Butanone	7.167	43	77483	42.186	ug/L	99
23) Bromochloromethane	7.514	128	59515	28.657	ug/L	90
25) Chloroform	7.679	83	249692	28.616	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	171307	27.008	ug/L	99
29) Cyclohexane	7.959	56	208488	24.875	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	192531	26.136	ug/L	99
31) Carbon tetrachloride	8.069	117	175153	26.078	ug/L	98
33) Benzene	8.325	78	538060	28.227	ug/L	100
34) Trichloroethene	9.093	95	137643	26.932	ug/L	93
35) Methylcyclohexane	9.337	83	230141	25.767	ug/L	98
37) 1,2-Dichloropropane	9.367	63	142513	28.691	ug/L	99
38) Bromodichloromethane	9.642	83	175335	28.957	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	209584	29.439	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	170066	50.306	ug/L	99
42) Toluene	10.386	91	566260	28.761	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	173120	28.840	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	102996	28.624	ug/L	96
46) Tetrachloroethene	10.861	164	102112	27.731	ug/L	94
48) 2-Hexanone	10.965	43	119024	49.870	ug/L	98
49) Dibromochloromethane	11.123	129	110457	30.605	ug/L	95
50) 1,2-Dibromoethane	11.233	107	92722	27.509	ug/L	99
51) Chlorobenzene	11.654	112	358099	29.404	ug/L	97
52) Ethylbenzene	11.727	91	645607	28.976	ug/L	98
53) m,p-Xylene	11.837	106	242541	29.697	ug/L	95
54) o-Xylene	12.160	106	229212	30.336	ug/L	99
55) Styrene	12.178	104	406664	31.764	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	121437	26.900	ug/L	98
59) Bromoform	12.349	173	64025	29.793	ug/L	95
60) Isopropylbenzene	12.458	105	627184	28.064	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	89544	25.153	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	472073	29.856	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	499833	29.339	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	272890	29.353	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	271130	28.526	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	239911	28.832	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	19145	23.001	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	175596	28.147	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	147887	29.339	ug/L	95
71) Naphthalene	15.360	128	290819	27.079	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	134753	29.626	ug/L	98

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

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