Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
Data File : VW028580.D
Acq On : 02 May 2024 18:33
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

Quant Time: May 03 04:11:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 03 04:07:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	278371	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	250802	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	130428	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	127078	24.040	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.160%			
7) Chloroethane-d5	2.899	69	101743	25.137	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.560%			
11) 1,1-Dichloroethene-d2	4.021	65	54782	24.805	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.200%			
21) 2-Butanone-d5	7.081	46	73299	53.150	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.300%			
24) Chloroform-d	7.648	84	229548	26.390	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.560%			
26) 1,2-Dichloroethane-d4	8.307	65	132196	26.547	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.200%			
32) Benzene-d6	8.270	84	447501	26.743	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.960%			
36) 1,2-Dichloropropane-d6	9.270	67	135596	26.929	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.720%			
41) Toluene-d8	10.325	98	405704	27.378	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.520%			
43) trans-1,3-Dichloroprop...	10.575	79	55765	27.530	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 110.120%			
47) 2-Hexanone-d5	10.922	63	51906	59.769	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.540%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114806	27.191	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.760%			
66) 1,2-Dichlorobenzene-d4	13.848	152	130248	26.201	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	97442	24.088	ug/L	93
3) Chloromethane	2.222	50	127440	25.429	ug/L	99
5) Vinyl chloride	2.375	62	140584	24.917	ug/L	99
6) Bromomethane	2.789	94	80572	24.686	ug/L	98
8) Chloroethane	2.936	64	82187	25.542	ug/L	98
9) Trichlorofluoromethane	3.265	101	108583	23.441	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	97237	22.768	ug/L	92
12) 1,1-Dichloroethene	4.045	96	95517	24.932	ug/L	95
13) Acetone	4.118	43	61423	48.958	ug/L	100
14) Carbon disulfide	4.393	76	322364	24.897	ug/L	99
15) Methyl Acetate	4.667	43	59023	27.041	ug/L	99
16) Methylene chloride	4.923	84	108044	25.096	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	101331	25.405	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	164000	27.862	ug/L	100
19) 1,1-Dichloroethane	6.222	63	204696	25.880	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	112489	26.948	ug/L	93
22) 2-Butanone	7.167	43	82670	51.337	ug/L	99
23) Bromochloromethane	7.508	128	46666	25.629	ug/L	91
25) Chloroform	7.679	83	203504	26.601	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Fri May 03 04:07:09 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	147990	26.612	ug/L	98
29) Cyclohexane	7.959	56	186707	26.109	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	164479	26.171	ug/L	98
31) Carbon tetrachloride	8.069	117	143793	25.094	ug/L	100
33) Benzene	8.325	78	436151	26.818	ug/L	100
34) Trichloroethene	9.087	95	115391	26.463	ug/L	95
35) Methylcyclohexane	9.331	83	200359	26.293	ug/L	99
37) 1,2-Dichloropropane	9.368	63	114427	27.001	ug/L	100
38) Bromodichloromethane	9.642	83	142467	27.578	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	172021	28.321	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	168662	58.477	ug/L	100
42) Toluene	10.386	91	457827	27.255	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	145957	28.500	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	82491	26.871	ug/L	96
46) Tetrachloroethene	10.861	164	81843	26.051	ug/L	95
48) 2-Hexanone	10.965	43	121275	59.558	ug/L	98
49) Dibromochloromethane	11.123	129	87363	28.372	ug/L	95
50) 1,2-Dibromoethane	11.233	107	80328	27.933	ug/L	94
51) Chlorobenzene	11.654	112	277819	26.738	ug/L	100
52) Ethylbenzene	11.727	91	521069	27.411	ug/L	97
53) m,p-Xylene	11.837	106	192673	27.651	ug/L	96
54) o-Xylene	12.160	106	182184	28.262	ug/L	100
55) Styrene	12.178	104	310440	28.421	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	106526	27.658	ug/L	96
59) Bromoform	12.349	173	48710	25.599	ug/L	97
60) Isopropylbenzene	12.458	105	510041	25.776	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	80036	25.391	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	375072	26.790	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	402990	26.715	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	205831	25.004	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	207656	24.674	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	193507	26.264	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	17989	24.409	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	137501	24.892	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	119104	26.686	ug/L	99
71) Naphthalene	15.360	128	261387	27.488	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	103167	25.616	ug/L	98

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

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