Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050323\
Data File : VW025836.D
Acq On : 03 May 2023 18:57
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

Quant Time: May 04 01:28:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 04 01:22:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	588902	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	523234	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	255139	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	203929	24.437	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.760%			
7) Chloroethane-d5	2.899	69	158608	25.636	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.560%			
11) 1,1-Dichloroethene-d2	4.027	65	98662	23.611	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.440%			
21) 2-Butanone-d5	7.075	46	128621	46.622	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.240%			
24) Chloroform-d	7.648	84	429602	25.299	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.200%			
26) 1,2-Dichloroethane-d4	8.307	65	235074	24.481	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.920%			
32) Benzene-d6	8.276	84	866635	25.348	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.400%			
36) 1,2-Dichloropropane-d6	9.270	67	274303	25.076	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.320%			
41) Toluene-d8	10.319	98	761788	24.987	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.960%			
43) trans-1,3-Dichloroprop...	10.575	79	102356	23.084	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.320%			
47) 2-Hexanone-d5	10.922	63	92078	49.363	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.720%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	210097	25.199	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.800%			
66) 1,2-Dichlorobenzene-d4	13.848	152	230463	24.779	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	139796	21.248	ug/L	94
3) Chloromethane	2.222	50	250431	25.815	ug/L	99
5) Vinyl chloride	2.375	62	249629	24.861	ug/L	97
6) Bromomethane	2.789	94	136814	25.052	ug/L	98
8) Chloroethane	2.930	64	144883	25.376	ug/L	98
9) Trichlorofluoromethane	3.265	101	154841	20.434	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	199836	24.249	ug/L	98
12) 1,1-Dichloroethene	4.051	96	188200	23.895	ug/L	98
13) Acetone	4.118	43	93048	38.037	ug/L	98
14) Carbon disulfide	4.393	76	641587	24.088	ug/L	99
15) Methyl Acetate	4.673	43	118247	24.529	ug/L	99
16) Methylene chloride	4.917	84	228246	18.794	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	210621	24.513	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	321618	24.663	ug/L	99
19) 1,1-Dichloroethane	6.216	63	444333	25.170	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	229452	24.892	ug/L	99
22) 2-Butanone	7.173	43	148039	43.827	ug/L	99
23) Bromochloromethane	7.508	128	95923	24.563	ug/L	98
25) Chloroform	7.673	83	412257	25.409	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	285488	24.776	ug/L	99
29) Cyclohexane	7.959	56	392521	24.208	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	311425	24.337	ug/L	99
31) Carbon tetrachloride	8.069	117	281921	24.481	ug/L	97
33) Benzene	8.319	78	923303	25.506	ug/L	100
34) Trichloroethene	9.093	95	230803	24.846	ug/L	98
35) Methylcyclohexane	9.337	83	393805	23.836	ug/L	99
37) 1,2-Dichloropropane	9.367	63	253919	25.602	ug/L	100
38) Bromodichloromethane	9.642	83	287909	25.303	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	354936	24.404	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	330952	51.266	ug/L	100
42) Toluene	10.386	91	947774	25.623	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	295220	24.497	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	167960	25.317	ug/L	96
46) Tetrachloroethene	10.861	164	156822	23.997	ug/L	95
48) 2-Hexanone	10.965	43	225449	48.749	ug/L	99
49) Dibromochloromethane	11.129	129	171786	25.011	ug/L	94
50) 1,2-Dibromoethane	11.233	107	152968	25.011	ug/L	94
51) Chlorobenzene	11.654	112	575091	25.098	ug/L	99
52) Ethylbenzene	11.727	91	1062016	25.525	ug/L	100
53) m,p-Xylene	11.837	106	387214	25.286	ug/L	97
54) o-Xylene	12.160	106	372008	25.773	ug/L	99
55) Styrene	12.178	104	647611	26.214	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	207178	25.027	ug/L	97
59) Bromoform	12.349	173	91605	24.240	ug/L	98
60) Isopropylbenzene	12.458	105	1007792	25.986	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	153456	25.449	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	816728	26.588	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	738028	26.036	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	404216	24.212	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	421175	24.970	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	380379	25.548	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	32612	23.324	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	256088	23.108	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	212652	22.905	ug/L	98
71) Naphthalene	15.360	128	442073	25.228	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	201900	24.509	ug/L	96

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

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