Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100722\
Data File : VW024796.D
Acq On : 07 Oct 2022 19:17
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

Quant Time: Oct 07 23:20:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 07 03:04:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	488742	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	454135	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	222595	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	114046	22.303	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.200%			
7) Chloroethane-d5	2.885	69	69891	23.520	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.080%			
11) 1,1-Dichloroethene-d2	4.025	63	276046	23.324	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.280%			
21) 2-Butanone-d5	7.080	46	103721	56.418	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.840%			
24) Chloroform-d	7.653	84	334812	25.625	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.480%			
26) 1,2-Dichloroethane-d4	8.305	65	173243	25.560	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.240%			
32) Benzene-d6	8.275	84	646838	22.284	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.120%			
36) 1,2-Dichloropropane-d6	9.274	67	209035	23.570	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.280%			
41) Toluene-d8	10.323	98	558485	21.527	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.120%			
43) trans-1,3-Dichloroprop...	10.579	79	77557	19.637	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 78.560%			
47) 2-Hexanone-d5	10.927	63	82494	54.365	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.740%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	178417	28.234	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.920%			
66) 1,2-Dichlorobenzene-d4	13.847	152	188311	24.041	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	51356	17.115	ug/L	94
3) Chloromethane	2.215	50	128412	21.976	ug/L	95
5) Vinyl chloride	2.361	62	192187	31.988	ug/L	99
6) Bromomethane	2.782	94	88455	31.901	ug/L	90
8) Chloroethane	2.922	64	74516	29.419	ug/L	99
9) Trichlorofluoromethane	3.257	101	87239	25.955	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	185278	28.902	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	182449	28.536	ug/L	88
13) Acetone	4.135	43	61388	45.766	ug/L	98
14) Carbon disulfide	4.385	76	568997	28.190	ug/L	100
15) Methyl Acetate	4.678	43	93206	31.381	ug/L	99
16) Methylene chloride	4.922	84	202602	21.108	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	203618	28.344	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	331606	29.113	ug/L	100
19) 1,1-Dichloroethane	6.220	63	389914	29.011	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	225274	29.226	ug/L	95
22) 2-Butanone	7.177	43	115891	54.017	ug/L	100
23) Bromochloromethane	7.519	128	96458	30.790	ug/L	88
25) Chloroform	7.677	83	381297	29.918	ug/L	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27)	1,2-Dichloroethane	8.396	62	249088	31.060	ug/L	99
29)	Cyclohexane	7.951	56	353372	24.983	ug/L	99
30)	1,1,1-Trichloroethane	7.872	97	292534	26.620	ug/L	98
31)	Carbon tetrachloride	8.067	117	246307	26.468	ug/L	100
33)	Benzene	8.323	78	877313	27.601	ug/L	100
34)	Trichloroethene	9.091	95	219937	27.300	ug/L	96
35)	Methylcyclohexane	9.335	83	375964	25.458	ug/L	99
37)	1,2-Dichloropropane	9.366	63	224166	28.567	ug/L	99
38)	Bromodichloromethane	9.646	83	273891	28.375	ug/L	98
39)	cis-1,3-Dichloropropene	10.073	75	316334	25.493	ug/L	100
40)	4-Methyl-2-pentanone	10.207	43	276233	59.473	ug/L	99
42)	Toluene	10.384	91	915849	27.902	ug/L	99
44)	trans-1,3-Dichloropropene	10.603	75	263884	24.804	ug/L	100
45)	1,1,2-Trichloroethane	10.786	97	157827	29.446	ug/L	99
46)	Tetrachloroethene	10.866	164	144072	26.320	ug/L	89
48)	2-Hexanone	10.969	43	187757	59.781	ug/L	99
49)	Dibromochloromethane	11.128	129	174834	28.968	ug/L	98
50)	1,2-Dibromoethane	11.231	107	148697	29.310	ug/L	100
51)	Chlorobenzene	11.658	112	575954	28.658	ug/L	94
52)	Ethylbenzene	11.731	91	1006892	27.849	ug/L	100
53)	m,p-Xylene	11.835	106	385795	27.326	ug/L	98
54)	o-Xylene	12.164	106	371155	27.839	ug/L	95
55)	Styrene	12.176	104	650528	28.944	ug/L	100
57)	1,1,2,2-Tetrachloroethane	12.713	83	196690	31.341	ug/L	100
59)	Bromoform	12.347	173	87177	27.706	ug/L	99
60)	Isopropylbenzene	12.463	105	1005444	27.714	ug/L	99
61)	1,2,3-Trichloropropane	12.768	75	142055	29.626	ug/L	98
62)	1,3,5-Trimethylbenzene	12.938	105	867491	27.511	ug/L	99
63)	1,2,4-Trimethylbenzene	13.249	105	859551	27.825	ug/L	100
64)	1,3-Dichlorobenzene	13.499	146	402866	27.333	ug/L	90
65)	1,4-Dichlorobenzene	13.572	146	388646	27.087	ug/L	93
67)	1,2-Dichlorobenzene	13.871	146	358450	27.921	ug/L	93
68)	1,2-Dibromo-3-chloropr...	14.481	75	31032	27.368	ug/L	96
69)	1,3,5-Trichlorobenzene	14.621	180	255007	26.058	ug/L	98
70)	1,2,4-trichlorobenzene	15.127	180	213345	25.950	ug/L	98
71)	Naphthalene	15.359	128	505930	28.263	ug/L	100
72)	1,2,3-Trichlorobenzene	15.548	180	190663	27.249	ug/L	97

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

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