Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063021\
Data File : VW019370.D
Acq On : 30 Jun 2021 10:28
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025129

Quant Time: Jul 01 01:01:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 30 01:19:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	513684	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	467969	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	241744	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	175897	26.081	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.320%			
7) Chloroethane-d5	2.898	69	139668	26.640	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.560%			
11) 1,1-Dichloroethene-d2	4.031	63	353763	25.670	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.680%			
21) 2-Butanone-d5	7.080	46	98835	59.005	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.020%			
24) Chloroform-d	7.647	84	366191	25.807	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.240%			
26) 1,2-Dichloroethane-d4	8.305	65	193496	26.553	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.200%			
32) Benzene-d6	8.275	84	745432	25.991	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.960%			
36) 1,2-Dichloropropane-d6	9.274	67	228816	26.175	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.680%			
41) Toluene-d8	10.323	98	665027	25.601	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.400%			
43) trans-1,3-Dichloroprop...	10.579	79	90934	26.418	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.680%			
47) 2-Hexanone-d5	10.927	63	82075	60.075	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.140%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	179952	27.904	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.600%			
66) 1,2-Dichlorobenzene-d4	13.853	152	222362	25.145	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	162265	26.508	ug/L	96
3) Chloromethane	2.215	50	142269	22.554	ug/L	100
5) Vinyl chloride	2.373	62	218481	25.005	ug/L	96
6) Bromomethane	2.788	94	117405	24.133	ug/L	99
8) Chloroethane	2.934	64	118254	24.680	ug/L	98
9) Trichlorofluoromethane	3.263	101	113307	23.526	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	168878	24.766	ug/L	95
12) 1,1-Dichloroethene	4.050	96	168084	24.451	ug/L	95
13) Acetone	4.123	43	56211	53.800	ug/L	87
14) Carbon disulfide	4.391	76	528615	24.313	ug/L	99
15) Methyl Acetate	4.672	43	77181	26.907	ug/L	99
16) Methylene chloride	4.922	84	188443	20.986	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	180501	24.225	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	227622	25.181	ug/L	96
19) 1,1-Dichloroethane	6.214	63	330398	24.669	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	190217	24.292	ug/L	96
22) 2-Butanone	7.171	43	96244	54.010	ug/L	98
23) Bromochloromethane	7.519	128	84070	24.700	ug/L	98
25) Chloroform	7.677	83	323635	24.358	ug/L	97

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	204570	24.479	ug/L	96
29) Cyclohexane	7.958	56	311455	24.980	ug/L	93
30) 1,1,1-Trichloroethane	7.872	97	242475	24.390	ug/L	99
31) Carbon tetrachloride	8.073	117	228714	24.434	ug/L	99
33) Benzene	8.323	78	749574	24.556	ug/L	100
34) Trichloroethene	9.092	95	188772	24.299	ug/L	93
35) Methylcyclohexane	9.335	83	338838	24.727	ug/L	95
37) 1,2-Dichloropropane	9.372	63	186935	25.019	ug/L	99
38) Bromodichloromethane	9.646	83	226188	24.612	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	284417	25.524	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	215680	55.063	ug/L	96
42) Toluene	10.390	91	787279	24.866	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	244064	25.655	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	130832	24.711	ug/L	98
46) Tetrachloroethene	10.860	164	134522	22.415	ug/L	87
48) 2-Hexanone	10.969	43	147804	55.065	ug/L	93
49) Dibromochloromethane	11.128	129	148246	25.252	ug/L	95
50) 1,2-Dibromoethane	11.237	107	124401	24.825	ug/L	98
51) Chlorobenzene	11.658	112	478627	24.033	ug/L	97
52) Ethylbenzene	11.731	91	852288	24.624	ug/L	98
53) m,p-Xylene	11.841	106	326572	24.926	ug/L	99
54) o-Xylene	12.164	106	311407	24.913	ug/L	96
55) Styrene	12.182	104	540204	25.553	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	160238	25.638	ug/L	97
59) Bromoform	12.347	173	80850	24.463	ug/L	98
60) Isopropylbenzene	12.463	105	830250	24.086	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	119164	24.780	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	704839	24.537	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	709648	24.843	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	356603	23.218	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	368006	24.113	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	331404	24.404	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	25139	24.760	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	268425	24.143	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	219884	24.017	ug/L	99
71) Naphthalene	15.365	128	448243	25.703	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	197458	24.927	ug/L	98

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

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