Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071421\
Data File : VW019474.D
Acq On : 14 Jul 2021 09:45
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025491

Quant Time: Jul 15 01:01:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 14 02:25:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	430291	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	391887	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	191857	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	163103	26.753	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.000%			
7) Chloroethane-d5	2.898	69	113182	26.033	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.120%			
11) 1,1-Dichloroethene-d2	4.025	63	311161	26.451	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 105.800%			
21) 2-Butanone-d5	7.092	46	90237	50.995	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.000%			
24) Chloroform-d	7.653	84	294488	24.769	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.080%			
26) 1,2-Dichloroethane-d4	8.305	65	160884	24.658	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.640%			
32) Benzene-d6	8.275	84	592441	25.397	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.600%			
36) 1,2-Dichloropropane-d6	9.274	67	180524	24.829	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.320%			
41) Toluene-d8	10.323	98	526507	25.034	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.120%			
43) trans-1,3-Dichloroprop...	10.579	79	78337	25.159	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.640%			
47) 2-Hexanone-d5	10.927	63	71431	52.955	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.900%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	149041	25.369	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.480%			
66) 1,2-Dichlorobenzene-d4	13.853	152	170997	25.261	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	140533	27.418	ug/L	96
3) Chloromethane	2.221	50	137632	26.167	ug/L	97
5) Vinyl chloride	2.367	62	203197	28.069	ug/L	98
6) Bromomethane	2.794	94	109894	27.454	ug/L	97
8) Chloroethane	2.934	64	107383	27.868	ug/L	95
9) Trichlorofluoromethane	3.263	101	128422	29.202	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	151989	27.019	ug/L	96
12) 1,1-Dichloroethene	4.050	96	155119	27.614	ug/L	95
13) Acetone	4.153	43	76788	58.893	ug/L	89
14) Carbon disulfide	4.391	76	503278	27.977	ug/L	99
15) Methyl Acetate	4.684	43	76539	26.375	ug/L	99
16) Methylene chloride	4.922	84	191069	22.274	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	161317	26.407	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	221288	26.219	ug/L	96
19) 1,1-Dichloroethane	6.220	63	301154	26.850	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	170616	26.406	ug/L	93
22) 2-Butanone	7.183	43	109258	54.155	ug/L	95
23) Bromochloromethane	7.519	128	74044	25.446	ug/L	94
25) Chloroform	7.677	83	293350	26.441	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	194627	26.074	ug/L	97
29) Cyclohexane	7.958	56	276300	27.494	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	233464	28.865	ug/L	99
31) Carbon tetrachloride	8.073	117	210364	27.955	ug/L	99
33) Benzene	8.323	78	675607	27.543	ug/L	100
34) Trichloroethene	9.092	95	167329	26.728	ug/L	95
35) Methylcyclohexane	9.335	83	294156	26.552	ug/L	94
37) 1,2-Dichloropropane	9.372	63	167030	26.871	ug/L	99
38) Bromodichloromethane	9.646	83	209564	27.188	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	259457	27.293	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	215432	54.910	ug/L	97
42) Toluene	10.390	91	700313	27.392	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	226500	27.088	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	122775	26.545	ug/L	96
46) Tetrachloroethene	10.866	164	126170	26.443	ug/L	97
48) 2-Hexanone	10.969	43	153527	57.455	ug/L	97
49) Dibromochloromethane	11.128	129	134018	26.944	ug/L	91
50) 1,2-Dibromoethane	11.238	107	117334	26.449	ug/L	95
51) Chlorobenzene	11.658	112	420177	26.136	ug/L	97
52) Ethylbenzene	11.731	91	748315	26.886	ug/L	95
53) m,p-Xylene	11.841	106	282629	26.869	ug/L	97
54) o-Xylene	12.164	106	268748	27.037	ug/L	98
55) Styrene	12.182	104	468444	27.200	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	151123	26.532	ug/L	99
59) Bromoform	12.347	173	76582	27.965	ug/L	97
60) Isopropylbenzene	12.463	105	716137	27.774	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	115082	27.382	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	598662	27.730	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	608466	27.971	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	312050	26.447	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	315392	27.051	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	280207	26.361	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	26039	28.391	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	225222	26.124	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	186913	25.931	ug/L	99
71) Naphthalene	15.365	128	400305	27.497	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	165677	25.666	ug/L	97

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

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