Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092021\
Data File : VW020077.D
Acq On : 20 Sep 2021 17:35
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025545

Quant Time: Sep 21 02:07:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Sep 21 01:31:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	292132	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	279790	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	146277	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	112667	23.416	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.680%			
7) Chloroethane-d5	2.898	69	91929	22.198	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.800%			
11) 1,1-Dichloroethene-d2	4.032	63	201399	25.608	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.440%			
21) 2-Butanone-d5	7.086	46	61683	46.862	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.720%			
24) Chloroform-d	7.653	84	215972	26.831	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.320%			
26) 1,2-Dichloroethane-d4	8.311	65	123179	25.977	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.920%			
32) Benzene-d6	8.281	84	397943	26.068	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.280%			
36) 1,2-Dichloropropane-d6	9.281	67	120461	26.604	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.400%			
41) Toluene-d8	10.323	98	362811	25.355	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.440%			
43) trans-1,3-Dichloroprop...	10.579	79	55070	26.440	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.760%			
47) 2-Hexanone-d5	10.927	63	46466	50.233	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.460%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	118383	26.576	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.320%			
66) 1,2-Dichlorobenzene-d4	13.853	152	128275	25.732	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	79360	26.200	ug/L	99
3) Chloromethane	2.221	50	95286	23.359	ug/L	99
5) Vinyl chloride	2.367	62	161144	25.251	ug/L	97
6) Bromomethane	2.788	94	97487	21.798	ug/L	99
8) Chloroethane	2.934	64	93119	23.921	ug/L	97
9) Trichlorofluoromethane	3.263	101	101212	27.186	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	118985	28.409	ug/L	97
12) 1,1-Dichloroethene	4.050	96	109014	27.497	ug/L	96
13) Acetone	4.129	43	54677	43.740	ug/L	94
14) Carbon disulfide	4.391	76	352021	27.192	ug/L	99
15) Methyl Acetate	4.678	43	53379	24.484	ug/L	99
16) Methylene chloride	4.922	84	157524	30.602	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	114627	27.443	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	145514	27.896	ug/L	99
19) 1,1-Dichloroethane	6.220	63	208774	27.943	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	117201	27.175	ug/L	96
22) 2-Butanone	7.171	43	71110	45.391	ug/L	98
23) Bromochloromethane	7.519	128	55078	27.581	ug/L	94
25) Chloroform	7.677	83	218200	27.803	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	155919	28.395	ug/L	99
29) Cyclohexane	7.964	56	181139	28.756	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	184210	28.091	ug/L	99
31) Carbon tetrachloride	8.073	117	171322	28.005	ug/L	100
33) Benzene	8.330	78	467396	27.750	ug/L	100
34) Trichloroethene	9.098	95	118944	26.671	ug/L	92
35) Methylcyclohexane	9.342	83	214417	28.512	ug/L	97
37) 1,2-Dichloropropane	9.372	63	115496	28.328	ug/L	99
38) Bromodichloromethane	9.646	83	156111	28.385	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	176953	28.753	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	149734	51.484	ug/L	99
42) Toluene	10.390	91	512118	28.502	ug/L	92
44) trans-1,3-Dichloropropene	10.610	75	163757	28.102	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	89208	27.356	ug/L	97
46) Tetrachloroethene	10.866	164	96771	28.044	ug/L	94
48) 2-Hexanone	10.969	43	109515	52.531	ug/L	98
49) Dibromochloromethane	11.128	129	102709	27.409	ug/L	96
50) 1,2-Dibromoethane	11.238	107	87815	27.380	ug/L	100
51) Chlorobenzene	11.658	112	320286	27.494	ug/L	98
52) Ethylbenzene	11.731	91	556431	28.354	ug/L	97
53) m,p-Xylene	11.841	106	215769	28.899	ug/L	98
54) o-Xylene	12.164	106	201398	28.583	ug/L	97
55) Styrene	12.183	104	354148	29.232	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	115792	27.094	ug/L	99
59) Bromoform	12.353	173	59667	26.953	ug/L	97
60) Isopropylbenzene	12.463	105	548349	28.263	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86768	25.367	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	460467	29.174	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	452057	29.168	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	234751	26.313	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	253291	27.856	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	214176	26.342	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	19651	23.813	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	164692	26.689	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	136861	28.323	ug/L	100
71) Naphthalene	15.365	128	281022	27.214	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	122502	27.008	ug/L	99

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

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