Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029858.D
Acq On : 06 May 2021 10:44
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020026

Manual Integrations APPROVED
mohammad
5/6/2021 4:50:02 PM

Quant Time: May 06 11:28:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 14:23:48 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	91626	20.00	ng/ul	0.00
20) Naphthalene-d8	10.34	136	390046	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.21	164	257376	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	514060	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	590282	20.00	ng/ul	-0.01
88) Perylene-d12	23.30	264	584620	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	1986m	0.80	ng/uL	-0.01
4) Pyridine-d5	3.49	84	9387	1.65	ng/ul	0.00
7) Phenol-d5	6.75	99	73871	9.28	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	6.91	67	57786	11.76	ng/ul	0.00
11) 2-Chlorophenol-d4	7.10	132	80163	12.65	ng/ul	-0.01
15) 4-Methylphenol-d8	8.28	113	78635	12.38	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	60475	20.87	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.43	143	48318	15.27	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	99765	16.86	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.49	131	116095	13.46	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	272948	14.20	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	488372	19.43	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.44	143	30128	10.19	ng/ul	0.00
60) Fluorene-d10	15.20	176	320615	19.60	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.34	200	40121	11.63	ng/ul	0.00
73) Anthracene-d10	17.06	188	515425	20.27	ng/ul	0.00
81) Pyrene-d10	19.35	212	547158	18.07	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	618327	18.83	ng/ul	-0.01
Target Compounds						Qvalue
5) Pyridine	3.51	79	10225	1.710	ng/ul#	80
6) Benzaldehyde	6.72	77	44375m	10.350	ng/ul	
8) Phenol	6.77	94	78725	9.724	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.00	93	79934	12.625	ng/ul	93
12) 2-Chlorophenol	7.13	128	86841	13.572	ng/ul	93
13) 2-Methylphenol	8.02	108	78523	12.925	ng/ul	85
14) 2,2'-oxybis(1-Chloropropan	8.10	45	157929	15.997	ng/ul#	93
16) Acetophenone	8.39	105	217838	22.578	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.37	70	86135	16.934	ng/ul	98
18) 4-Methylphenol	8.34	108	99888	15.450	ng/ul	98
19) Hexachloroethane	8.62	117	79338	27.953	ng/ul	97
22) Nitrobenzene	8.76	77	161318	22.140	ng/ul	96
23) Isophorone	9.28	82	221587	16.191	ng/ul	99
25) 2-Nitrophenol	9.46	139	54852	15.949	ng/ul	91
26) 2,4-Dimethylphenol	9.53	107	102853	14.524	ng/ul	95
27) Bis(2-Chloroethoxy)methane	9.77	93	134352	16.728	ng/ul	99
29) 2,4-Dichlorophenol	10.00	162	104169	18.290	ng/ul	97
30) Naphthalene	10.39	128	452916	21.109	ng/ul	100
32) 4-Chloroaniline	10.51	127	131776	15.049	ng/ul	99
33) Hexachlorobutadiene	10.67	225	94700	24.130	ng/ul	97
34) Caprolactam	11.30	113	19674m	10.703	ng/ul	
35) 4-Chloro-3-methylphenol	11.65	107	95828	16.175	ng/ul	99

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36) 2-Methylnaphthalene	12.01	142	281599	19.249	ng/ul	100
37) 1-Methylnaphthalene	12.23	142	295405	20.250	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	159228	19.527	ng/ul	99
40) Hexachlorocyclopentadiene	12.36	237	65497	16.179	ng/ul	94
41) 2,4,6-Trichlorophenol	12.64	196	71978	14.928	ng/ul	96
42) 2,4,5-Trichlorophenol	12.71	196	78696	15.168	ng/ul	100
43) 1,1'-Biphenyl	13.04	154	391398	19.200	ng/ul	99
44) 2-Chloronaphthalene	13.07	162	309933	19.797	ng/ul	99
45) 2-Nitroaniline	13.30	65	39338	9.542	ng/ul	97
47) Dimethylphthalate	13.67	163	302288	15.760	ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	45645	12.245	ng/ul#	78
50) Acenaphthylene	13.93	152	504689	20.594	ng/ul	100
51) 3-Nitroaniline	14.13	138	33422	8.468	ng/ul#	87
52) Acenaphthene	14.27	153	345554	19.966	ng/ul#	95
53) 2,4-Dinitrophenol	14.35	184	19833	9.270	ng/ul	96
55) 4-Nitrophenol	14.45	109	22555	10.738	ng/ul	93
56) Dibenzofuran	14.61	168	488148	21.049	ng/ul	99
57) 2,4-Dinitrotoluene	14.59	165	82910	15.757	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.84	232	71633	15.559	ng/ul	95
59) Diethylphthalate	15.05	149	278654	14.245	ng/ul	99
61) Fluorene	15.26	166	409095	20.961	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.26	204	195424	20.762	ng/ul	97
63) 4-Nitroaniline	15.30	138	35409m	8.918	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.36	198	41276	12.313	ng/ul#	97
67) N-Nitrosodiphenylamine	15.48	169	242572	14.421	ng/ul#	78
68) 4-Bromophenyl-phenylether	16.16	248	98460	17.135	ng/ul	96
69) Hexachlorobenzene	16.26	284	131683	19.535	ng/ul	96
70) Atrazine	16.44	200	57217	9.519	ng/ul	98
71) Pentachlorophenol	16.62	266	51874	13.985	ng/ul	94
72) Phenanthrene	17.00	178	616168	20.203	ng/ul	100
74) Anthracene	17.09	178	631986	20.349	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	160536	18.167	ng/uL	99
76) Pentachlorobenzene	14.53	250	160943	19.945	ng/uL	98
77) Carbazole	17.36	167	489631	17.257	ng/ul	99
78) Di-n-butylphthalate	17.93	149	374834	11.426	ng/ul#	95
80) Fluoranthene	19.02	202	658283	17.907	ng/ul	97
82) Pyrene	19.38	202	750265	19.171	ng/ul	97
83) Butylbenzylphthalate	20.29	149	87508	5.642	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.07	252	88050	6.389	ng/ul	99
85) Benzo(a)anthracene	21.13	228	740431	19.316	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.07	149	159811	6.556	ng/ul	98
87) Chrysene	21.18	228	761240	19.625	ng/ul	99
89) Di-n-octyl phthalate	21.93	149	321084	7.687	ng/ul	100
90) Benzo(b)fluoranthene	22.66	252	802841	20.997	ng/ul	99
91) Benzo(k)fluoranthene	22.70	252	782167	20.844	ng/ul	98
93) Benzo(a)pyrene	23.21	252	685427	20.015	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.46	276	944138	20.768	ng/ul	96
95) Dibenzo(a,h)anthracene	25.47	278	783176	20.610	ng/ul	99
96) Benzo(g,h,i)perylene	26.11	276	761085	20.065	ng/ul	98

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

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