Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005449.D
Acq On : 03 May 2019 13:35
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02094

Manual Integrations APPROVED
mohammad
5/7/2019 8:21:04 AM

Quant Time: May 04 00:48:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 22:32:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	333886	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1410452	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	895704	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2100007	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1921035	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1779302	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	48070	6.95	ng/uL	0.00
5) Phenol-d5	6.78	99	496128	18.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	269929	16.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	395595	19.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	400800	19.55	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	199693	23.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	223713	25.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	436581	21.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	455526	21.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1299757	19.99	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1601477	20.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	213430	20.79	ng/ul	0.00
57) Fluorene-d10	15.22	176	1111512	20.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	216719	22.95	ng/ul	0.00
70) Anthracene-d10	17.08	188	1755198	19.94	ng/ul	0.00
78) Pyrene-d10	19.39	212	1953024	19.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1574900	20.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	51167	6.879	ng/uL	98
4) Benzaldehyde	6.75	77	338580	18.220	ng/ul	99
6) Phenol	6.80	94	501909	18.608	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	389379	18.029	ng/ul	91
10) 2-Chlorophenol	7.16	128	405628	19.551	ng/ul	96
11) 2-Methylphenol	8.03	108	391115	19.351	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.12	45	546116	15.060	ng/ul	95
14) Acetophenone	8.40	105	641979	19.568	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.39	70	314331	17.912	ng/ul#	90
16) 4-Methylphenol	8.36	108	422853	19.372	ng/ul	98
17) Hexachloroethane	8.65	117	170293	18.901	ng/ul	91
20) Nitrobenzene	8.78	77	464146	19.428	ng/ul	95
21) Isophorone	9.29	82	904255	19.116	ng/ul	97
23) 2-Nitrophenol	9.48	139	239252	23.991	ng/ul	94
24) 2,4-Dimethylphenol	9.55	107	482074	19.305	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.78	93	539438	18.146	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	425557	21.375	ng/ul	97
28) Naphthalene	10.40	128	1297757	19.792	ng/ul	99
30) 4-Chloroaniline	10.52	127	470581	22.207	ng/ul	99
31) Hexachlorobutadiene	10.69	225	288750	20.538	ng/ul	97
32) Caprolactam	11.27	113	135910m	22.562	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	458725	20.462	ng/ul	92
34) 2-Methylnaphthalene	12.02	142	964132	20.082	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	567118	20.459 ng/ul	96
37) Hexachlorocyclopentadiene	12.37	237	331160	17.522 ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	360098	21.544 ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	379873	21.150 ng/ul	97
40) 1,1'-Biphenyl	13.05	154	1281473	19.201 ng/ul	98
41) 2-Chloronaphthalene	13.09	162	1010275	19.683 ng/ul	97
42) 2-Nitroaniline	13.30	65	287073	21.087 ng/ul	91
44) Dimethylphthalate	13.69	163	1277575	19.719 ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	271636	24.282 ng/ul#	86
47) Acenaphthylene	13.94	152	1553471	19.794 ng/ul	99
48) 3-Nitroaniline	14.13	138	245805	23.635 ng/ul#	88
49) Acenaphthene	14.29	153	1050030	19.598 ng/ul	100
50) 2,4-Dinitrophenol	14.36	184	118301	21.710 ng/ul	87
52) 4-Nitrophenol	14.46	109	177777	19.077 ng/ul	91
53) Dibenzofuran	14.63	168	1541571	19.984 ng/ul	98
54) 2,4-Dinitrotoluene	14.60	165	391498	24.276 ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.86	232	342384	22.914 ng/ul	94
56) Diethylphthalate	15.07	149	1268715	19.530 ng/ul	98
58) Fluorene	15.28	166	1224247	20.338 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.28	204	663986	20.794 ng/ul	96
60) 4-Nitroaniline	15.30	138	297792	22.968 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.37	198	225460	22.428 ng/ul#	91
64) N-Nitrosodiphenylamine	15.50	169	1101178	19.159 ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	430837	20.365 ng/ul	95
66) Hexachlorobenzene	16.29	284	472487	20.974 ng/ul	92
67) Atrazine	16.46	200	427905	19.998 ng/ul	98
68) Pentachlorophenol	16.63	266	266435	20.199 ng/ul	99
69) Phenanthrene	17.02	178	2018732	19.739 ng/ul	99
71) Anthracene	17.11	178	2046176	19.640 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	587184	19.143 ng/uL	99
73) Pentachlorobenzene	14.55	250	549223	19.894 ng/uL	99
74) Carbazole	17.39	167	1808545	20.208 ng/ul	99
75) Di-n-butylphthalate	17.96	149	2176673	19.384 ng/ul	99
76) Fluoranthene	19.05	202	2418760	21.322 ng/ul	96
79) Pyrene	19.42	202	2468887	19.960 ng/ul	95
80) Butylbenzylphthalate	20.35	149	993696	20.291 ng/ul	90
81) 3,3'-Dichlorobenzidine	21.13	252	750493	19.554 ng/ul#	98
82) Benzo(a)anthracene	21.20	228	2368186	19.816 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	1443139	19.138 ng/ul#	98
84) Chrysene	21.25	228	2198337	19.820 ng/ul	98
86) Di-n-octyl phthalate	22.03	149	2449986	22.482 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	2103894	21.035 ng/ul#	97
88) Benzo(k)fluoranthene	22.80	252	1924403	20.146 ng/ul	99
90) Benzo(a)pyrene	23.32	252	1892564	20.131 ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.61	276	2010074	19.338 ng/ul	98
92) Dibenzo(a,h)anthracene	25.62	278	1711179	19.398 ng/ul#	95
93) Benzo(g,h,i)perylene	26.27	276	1605784	18.684 ng/ul#	94

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

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