Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
Data File : BP002668.D
Acq On : 08 Jul 2020 11:01
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/9/2020 11:00:20 AM

Quant Time: Jul 08 13:13:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	286492	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1105130	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	667923	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1396266	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1172601	20.00	ng	0.00
86) Perylene-d12	23.29	264	1137136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1347088	79.61	ng	0.00
7) Phenol-d6	6.77	99	1877022	79.48	ng	0.00
23) Nitrobenzene-d5	8.72	82	1698835	79.21	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	579388	71.32	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	3219167	70.94	ng	0.00
79) Terphenyl-d14	19.57	244	4027568	74.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	290811	40.099	ng	99
3) Pyridine	3.52	79	872156	40.576	ng	97
4) n-Nitrosodimethylamine	3.45	42	342246	37.511	ng	85
6) Aniline	6.90	93	1231432	41.505	ng	99
8) 2-Chlorophenol	7.14	128	749618	39.881	ng	97
9) Benzaldehyde	6.72	77	504228	41.232	ng	98
10) Phenol	6.79	94	976845	41.015	ng	94
11) bis(2-Chloroethyl)ether	7.00	93	828863	42.402	ng	99
12) 1,3-Dichlorobenzene	7.46	146	862165	39.750	ng	100
13) 1,4-Dichlorobenzene	7.60	146	855771	38.728	ng	99
14) 1,2-Dichlorobenzene	7.92	146	810006	38.082	ng	98
15) Benzyl Alcohol	7.81	79	698419	39.356	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1162153	42.671	ng	99
17) 2-Methylphenol	8.03	107	703490	39.462	ng	97
18) Hexachloroethane	8.63	117	316007	39.624	ng	97
19) n-Nitroso-di-n-propylamine	8.38	70	576622	37.212	ng	97
20) 3+4-Methylphenols	8.35	107	939006	39.070	ng	96
22) Acetophenone	8.39	105	1079660	38.598	ng	97
24) Nitrobenzene	8.76	77	922904	40.652	ng	100
25) Isophorone	9.28	82	1775945	41.312	ng	98
26) 2-Nitrophenol	9.46	139	436688	42.176	ng	96
27) 2,4-Dimethylphenol	9.55	122	652995	41.621	ng	96
28) bis(2-Chloroethoxy)methane	9.77	93	1049257	42.491	ng	100
29) 2,4-Dichlorophenol	10.00	162	743025	41.093	ng	98
30) 1,2,4-Trichlorobenzene	10.21	180	816818	40.126	ng	98
31) Naphthalene	10.39	128	2300305	39.320	ng	99
32) Benzoic acid	9.73	122	451588	38.705	ng	99
33) 4-Chloroaniline	10.50	127	1040945	40.678	ng	99
34) Hexachlorobutadiene	10.69	225	481473	38.643	ng	98
35) Caprolactam	11.29	113	252011	41.463	ng	96
36) 4-Chloro-3-methylphenol	11.66	107	782685	39.494	ng	99
37) 2-Methylnaphthalene	12.02	142	1649511	38.670	ng	98
38) 1-Methylnaphthalene	12.23	142	1541825	38.379	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	836167	40.093	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	358002	35.464 ng	96
43) 2,4,6-Trichlorophenol	12.65	196	577975	40.957 ng	99
44) 2,4,5-Trichlorophenol	12.72	196	655299	40.339 ng	97
46) 1,1'-Biphenyl	13.05	154	1946548	38.527 ng	99
47) 2-Chloronaphthalene	13.08	162	1593615	38.748 ng	98
48) 2-Nitroaniline	13.29	65	544926	41.533 ng	95
49) Acenaphthylene	13.94	152	2528204	39.060 ng	98
50) Dimethylphthalate	13.69	163	2013624	38.384 ng	100
51) 2,6-Dinitrotoluene	13.80	165	458468	40.465 ng	95
52) Acenaphthene	14.29	154	1485424	38.897 ng	98
53) 3-Nitroaniline	14.13	138	518850	42.058 ng	98
54) 2,4-Dinitrophenol	14.35	184	235129	36.800 ng	93
55) Dibenzofuran	14.62	168	2386389	38.561 ng	99
56) 4-Nitrophenol	14.47	139	365997	38.874 ng	95
57) 2,4-Dinitrotoluene	14.60	165	619588	40.652 ng	94
58) Fluorene	15.27	166	1644315	34.887 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	508873	38.777 ng	99
60) Diethylphthalate	15.07	149	1992293	38.192 ng	100
61) 4-Chlorophenyl-phenylether	15.28	204	887232	35.101 ng	95
62) 4-Nitroaniline	15.30	138	504198	40.892 ng	92
63) Azobenzene	15.57	77	2006778	39.786 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	347395	39.183 ng	98
66) n-Nitrosodiphenylamine	15.50	169	1642118	40.287 ng	99
67) 4-Bromophenyl-phenylether	16.17	248	644212	41.057 ng	96
68) Hexachlorobenzene	16.30	284	662813	39.431 ng	99
69) Atrazine	16.46	200	508842	38.906 ng	96
70) Pentachlorophenol	16.65	266	352801	38.165 ng	99
71) Phenanthrene	17.02	178	2926989	38.962 ng	99
72) Anthracene	17.12	178	2879660	38.520 ng	99
73) Carbazole	17.39	167	2814108	38.950 ng	99
74) Di-n-butylphthalate	17.97	149	3370067	39.607 ng	99
75) Fluoranthene	19.01	202	3445941	37.895 ng	98
77) Benzidine	19.19	184	1284345	35.947 ng	100
78) Pyrene	19.36	202	3499588	43.846 ng	99
80) Butylbenzylphthalate	20.25	149	1571060	45.087 ng	98
81) Benzo(a)anthracene	21.07	228	3084649	40.238 ng	98
82) 3,3'-Dichlorobenzidine	21.01	252	1100191	39.200 ng	94
83) Chrysene	21.13	228	2906264	39.535 ng	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	2038646	40.744 ng	97
85) Di-n-octyl phthalate	21.89	149	3759824	42.544 ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	2963931	36.200 ng	97
88) Benzo(b)fluoranthene	22.63	252	3104006	42.779 ng	98
89) Benzo(k)fluoranthene	22.67	252	2945709m	43.517 ng	
90) Benzo(a)pyrene	23.19	252	2856495	42.899 ng	98
91) Dibenzo(a,h)anthracene	25.52	278	2371387	35.445 ng	97
92) Benzo(g,h,i)perylene	26.17	276	2351626	35.146 ng	98

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

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