Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090320\
Data File : BP003197.D
Acq On : 03 Sep 2020 09:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Sep 03 11:09:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	249473	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	993883	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	609154	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	1303491	20.00	ng		0.00
76) Chrysene-d12	21.15	240	1438032	20.00	ng		0.00
86) Perylene-d12	23.39	264	1824859	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1058927	75.05	ng		0.00
7) Phenol-d6	6.85	99	1359497	76.86	ng		0.01
23) Nitrobenzene-d5	8.80	82	1062725	77.08	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	660499	80.17	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	3021399	72.64	ng		0.00
79) Terphenyl-d14	19.63	244	4536076	69.41	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	193083	35.793	ng		99
3) Pyridine	3.59	79	531477	37.437	ng		99
4) n-Nitrosodimethylamine	3.50	42	150739	40.661	ng		99
6) Aniline	6.99	93	738883	38.367	ng		100
8) 2-Chlorophenol	7.23	128	588683	37.423	ng		100
9) Benzaldehyde	6.80	77	336647	40.823	ng		100
10) Phenol	6.87	94	624962	38.126	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	483584	37.273	ng		100
12) 1,3-Dichlorobenzene	7.55	146	708252	37.029	ng		99
13) 1,4-Dichlorobenzene	7.69	146	710972	36.820	ng		99
14) 1,2-Dichlorobenzene	8.00	146	678979	37.089	ng		100
15) Benzyl Alcohol	7.89	79	418090	41.951	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	418492	38.063	ng		98
17) 2-Methylphenol	8.10	107	457823	39.205	ng		99
18) Hexachloroethane	8.73	117	241763	38.271	ng		100
19) n-Nitroso-di-n-propylamine	8.46	70	314104	39.304	ng		98
20) 3+4-Methylphenols	8.43	107	621998	39.532	ng		100
22) Acetophenone	8.47	105	818407	36.976	ng	#	99
24) Nitrobenzene	8.85	77	510358	37.689	ng		100
25) Isophorone	9.37	82	948808	39.006	ng		99
26) 2-Nitrophenol	9.55	139	331417	41.063	ng		99
27) 2,4-Dimethylphenol	9.63	122	456968	37.664	ng		98
28) bis(2-Chloroethoxy)methane	9.85	93	658322	36.336	ng		98
29) 2,4-Dichlorophenol	10.09	162	579721	38.513	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	659900	36.819	ng		99
31) Naphthalene	10.49	128	1855297	36.334	ng		100
32) Benzoic acid	9.79	122	348913	39.203	ng		96
33) 4-Chloroaniline	10.59	127	804825	37.723	ng		99
34) Hexachlorobutadiene	10.79	225	402401	37.410	ng		100
35) Caprolactam	11.37	113	187433	41.436	ng		97
36) 4-Chloro-3-methylphenol	11.74	107	548630	39.035	ng		96
37) 2-Methylnaphthalene	12.10	142	1333839	36.516	ng		100
38) 1-Methylnaphthalene	12.33	142	1259469	36.276	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	671071	37.168	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	288518	33.805 ng	98
43) 2,4,6-Trichlorophenol	12.73	196	467626	39.390 ng	99
44) 2,4,5-Trichlorophenol	12.80	196	487505	38.822 ng	99
46) 1,1'-Biphenyl	13.13	154	1656736	36.259 ng	99
47) 2-Chloronaphthalene	13.17	162	1359857	36.359 ng	99
48) 2-Nitroaniline	13.37	65	295586	42.210 ng	98
49) Acenaphthylene	14.02	152	2093626	37.020 ng	100
50) Dimethylphthalate	13.76	163	1709923	36.809 ng	100
51) 2,6-Dinitrotoluene	13.87	165	374944	38.836 ng	99
52) Acenaphthene	14.36	154	1249588	35.965 ng	100
53) 3-Nitroaniline	14.20	138	432976	39.583 ng	99
54) 2,4-Dinitrophenol	14.42	184	171767	37.166 ng	99
55) Dibenzofuran	14.70	168	1975431	36.203 ng	98
56) 4-Nitrophenol	14.53	139	319603	40.613 ng	99
57) 2,4-Dinitrotoluene	14.67	165	523372	40.318 ng	98
58) Fluorene	15.35	166	1535490	36.530 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	441711	38.879 ng	100
60) Diethylphthalate	15.14	149	1712988	37.586 ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	787548	36.282 ng	99
62) 4-Nitroaniline	15.37	138	452536	40.247 ng	98
63) Azobenzene	15.65	77	1134256	37.499 ng	100
65) 4,6-Dinitro-2-methylphenol	15.44	198	249524	40.028 ng	97
66) n-Nitrosodiphenylamine	15.57	169	1395413	36.611 ng	100
67) 4-Bromophenyl-phenylether	16.25	248	537779	37.382 ng	96
68) Hexachlorobenzene	16.37	284	640670	37.406 ng	98
69) Atrazine	16.53	200	494614	38.476 ng	99
70) Pentachlorophenol	16.71	266	345372	42.168 ng	99
71) Phenanthrene	17.09	178	2525000	35.749 ng	99
72) Anthracene	17.19	178	2493354	36.885 ng	100
73) Carbazole	17.46	167	2396761	36.944 ng	100
74) Di-n-butylphthalate	18.03	149	2981284	39.092 ng	99
75) Fluoranthene	19.07	202	3024194	37.046 ng	100
77) Benzidine	19.25	184	1188557	36.164 ng	100
78) Pyrene	19.43	202	3115943	33.385 ng	99
80) Butylbenzylphthalate	20.31	149	1530713	39.833 ng	96
81) Benzo(a)anthracene	21.13	228	3300086	36.636 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	1355432	40.908 ng	99
83) Chrysene	21.19	228	3108998	36.049 ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	2121968	38.236 ng	100
85) Di-n-octyl phthalate	21.95	149	3916597	41.163 ng	100
87) Indeno(1,2,3-cd)pyrene	25.67	276	5069799	37.254 ng	98
88) Benzo(b)fluoranthene	22.72	252	4061363	35.808 ng	99
89) Benzo(k)fluoranthene	22.76	252	3638878	33.579 ng	99
90) Benzo(a)pyrene	23.29	252	3771194	35.840 ng	99
91) Dibenzo(a,h)anthracene	25.68	278	4143758	37.066 ng	99
92) Benzo(g,h,i)perylene	26.36	276	4183463	37.289 ng	99

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

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