Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
Data File : BP003147.D
Acq On : 28 Aug 2020 11:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 28 12:49:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:32:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	237679	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	879327	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	511708	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1055239	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1019327	20.00	ng	0.00
86) Perylene-d12	23.39	264	1233658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	989071	73.57	ng	0.00
7) Phenol-d6	6.85	99	1206434	71.59	ng	0.00
23) Nitrobenzene-d5	8.81	82	909025	74.53	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	536628	77.54	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2622808	75.06	ng	0.00
79) Terphenyl-d14	19.63	244	3640981	78.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	183630	35.730	ng	99
3) Pyridine	3.59	79	481149	35.573	ng	99
4) n-Nitrosodimethylamine	3.51	42	134073	37.960	ng	92
6) Aniline	6.99	93	658145	35.871	ng	99
8) 2-Chlorophenol	7.23	128	542286	36.184	ng	99
9) Benzaldehyde	6.80	77	294296	37.458	ng	99
10) Phenol	6.87	94	558612	35.769	ng	96
11) bis(2-Chloroethyl)ether	7.09	93	440912	35.670	ng	99
12) 1,3-Dichlorobenzene	7.55	146	665822	36.538	ng	99
13) 1,4-Dichlorobenzene	7.70	146	673792	36.626	ng	99
14) 1,2-Dichlorobenzene	8.01	146	636125	36.473	ng	99
15) Benzyl Alcohol	7.90	79	354222	37.307	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	367262	35.061	ng	98
17) 2-Methylphenol	8.11	107	400314	35.982	ng	98
18) Hexachloroethane	8.73	117	222700	37.003	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	272663	35.812	ng	100
20) 3+4-Methylphenols	8.43	107	538798	35.943	ng	99
22) Acetophenone	8.47	105	716216	36.574	ng	99
24) Nitrobenzene	8.85	77	444904	37.136	ng	99
25) Isophorone	9.37	82	784838	36.468	ng	98
26) 2-Nitrophenol	9.56	139	281342	39.400	ng	97
27) 2,4-Dimethylphenol	9.63	122	393799	36.686	ng	96
28) bis(2-Chloroethoxy)methane	9.86	93	566535	35.343	ng	97
29) 2,4-Dichlorophenol	10.10	162	501220	37.635	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	590615	37.247	ng	100
31) Naphthalene	10.49	128	1635030	36.191	ng	100
32) Benzoic acid	9.77	122	267818	35.203	ng	97
33) 4-Chloroaniline	10.60	127	688326	36.466	ng	99
34) Hexachlorobutadiene	10.79	225	366605	38.523	ng	99
35) Caprolactam	11.36	113	145231	36.289	ng	98
36) 4-Chloro-3-methylphenol	11.74	107	450340	36.216	ng	100
37) 2-Methylnaphthalene	12.11	142	1159094	35.866	ng	99
38) 1-Methylnaphthalene	12.33	142	1084769	35.315	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	586961	38.701	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	273786	38.188 ng	99
43) 2,4,6-Trichlorophenol	12.73	196	390311	39.138 ng	99
44) 2,4,5-Trichlorophenol	12.80	196	411818	39.040 ng	99
46) 1,1'-Biphenyl	13.13	154	1422176	37.053 ng	100
47) 2-Chloronaphthalene	13.17	162	1173618	37.355 ng	99
48) 2-Nitroaniline	13.37	65	228930	38.917 ng	95
49) Acenaphthylene	14.02	152	1771453	37.288 ng	100
50) Dimethylphthalate	13.77	163	1413919	36.234 ng	100
51) 2,6-Dinitrotoluene	13.87	165	308478	38.036 ng	99
52) Acenaphthene	14.37	154	1064945	36.488 ng	99
53) 3-Nitroaniline	14.20	138	343648	37.399 ng	97
54) 2,4-Dinitrophenol	14.42	184	131604	34.581 ng	99
55) Dibenzofuran	14.70	168	1672826	36.495 ng	100
56) 4-Nitrophenol	14.53	139	250144	37.840 ng	97
57) 2,4-Dinitrotoluene	14.67	165	413415	37.912 ng	99
58) Fluorene	15.36	166	1287392	36.461 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	361892	37.919 ng	99
60) Diethylphthalate	15.14	149	1386968	36.228 ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	666828	36.570 ng	99
62) 4-Nitroaniline	15.37	138	353463	37.422 ng	98
63) Azobenzene	15.65	77	914419	35.988 ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	189124	37.476 ng	98
66) n-Nitrosodiphenylamine	15.57	169	1151171	37.308 ng	99
67) 4-Bromophenyl-phenylether	16.25	248	442075	37.959 ng	98
68) Hexachlorobenzene	16.37	284	524299	37.813 ng	99
69) Atrazine	16.53	200	394087	37.868 ng	98
70) Pentachlorophenol	16.72	266	270436	40.787 ng	100
71) Phenanthrene	17.10	178	2083717	36.442 ng	100
72) Anthracene	17.19	178	2033299	37.156 ng	99
73) Carbazole	17.46	167	1908556	36.340 ng	100
74) Di-n-butylphthalate	18.03	149	2301784	37.282 ng	100
75) Fluoranthene	19.07	202	2386918	36.118 ng	100
77) Benzidine	19.26	184	897656	38.532 ng	99
78) Pyrene	19.43	202	2464305	37.249 ng	100
80) Butylbenzylphthalate	20.31	149	1062379	39.002 ng	98
81) Benzo(a)anthracene	21.14	228	2374630	37.191 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	927451	39.489 ng	100
83) Chrysene	21.19	228	2247802	36.769 ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	1487022	37.802 ng	100
85) Di-n-octyl phthalate	21.95	149	2623759	38.902 ng	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	3384295	36.786 ng	98
88) Benzo(b)fluoranthene	22.72	252	2720557	35.481 ng	100
89) Benzo(k)fluoranthene	22.76	252	2478320	33.829 ng	99
90) Benzo(a)pyrene	23.29	252	2519601	35.420 ng	99
91) Dibenzo(a,h)anthracene	25.67	278	2775678	36.727 ng	99
92) Benzo(g,h,i)perylene	26.36	276	2788276	36.763 ng	98

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

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