Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110420\
Data File : BP003814.D
Acq On : 04 Nov 2020 19:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
11/6/2020 10:31:13 AM

Quant Time: Nov 05 15:58:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 14:31:45 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.299	152	176393	20.00	ng		0.00
21) Naphthalene-d8	11.128	136	666413	20.00	ng		# 0.00
39) Acenaphthene-d10	14.910	164	413730	20.00	ng		0.00
64) Phenanthrene-d10	17.634	188	855988	20.00	ng		# 0.00
76) Chrysene-d12	21.651	240	825671	20.00	ng		0.00
86) Perylene-d12	24.116	264	850350	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.811	112	804456	76.12	ng		0.00
7) Phenol-d6	7.458	99	1133095	74.69	ng		0.00
23) Nitrobenzene-d5	9.457	82	1026721m	75.45	ng		0.00
42) 2,4,6-Tribromophenol	16.387	330	402703	77.82	ng		0.00
45) 2-Fluorobiphenyl	13.534	172	2174095	73.46	ng		0.00
79) Terphenyl-d14	20.122	244	3183931	74.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	167490	36.73	ng	#	62
3) Pyridine	3.946	79	492736	36.84	ng	#	63
4) n-Nitrosodimethylamine	3.840	42	226574	36.80	ng	#	56
6) Aniline	7.599	93	639920	37.15	ng	#	83
8) 2-Chlorophenol	7.863	128	423368	37.73	ng	#	80
9) Benzaldehyde	7.399	77	268907	39.30	ng		83
10) Phenol	7.487	94	547202	37.38	ng		86
11) bis(2-Chloroethyl)ether	7.687	93	434752	36.95	ng	#	80
12) 1,3-Dichlorobenzene	8.193	146	511100	37.17	ng	#	94
13) 1,4-Dichlorobenzene	8.334	146	517938	37.36	ng		96
14) 1,2-Dichlorobenzene	8.663	146	491762	37.14	ng		96
15) Benzyl Alcohol	8.528	79	393808	37.48	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.828	45	709589	35.80	ng		81
17) 2-Methylphenol	8.752	107	358728	37.32	ng	#	94
18) Hexachloroethane	9.410	117	187919	38.14	ng		94
19) n-Nitroso-di-n-propyla...	9.099	70	337196	37.19	ng	#	75
20) 3+4-Methylphenols	9.081	107	480161	37.42	ng		94
22) Acetophenone	9.116	105	653245	36.52	ng	#	87
24) Nitrobenzene	9.499	77	499530	36.94	ng	#	81
25) Isophorone	10.028	82	858561	37.15	ng	#	90
26) 2-Nitrophenol	10.228	139	219864	41.64	ng	#	76
27) 2,4-Dimethylphenol	10.287	122	331123	37.60	ng		93
28) bis(2-Chloroethoxy)met...	10.499	93	577763	36.43	ng		98
29) 2,4-Dichlorophenol	10.775	162	405124	38.17	ng		95
30) 1,2,4-Trichlorobenzene	10.993	180	486601	37.63	ng		99
31) Naphthalene	11.175	128	1303189	36.44	ng		100
32) Benzoic acid	10.434	122	207244	36.02	ng	#	76
33) 4-Chloroaniline	11.263	127	556664	36.63	ng	#	89
34) Hexachlorobutadiene	11.493	225	316519	37.53	ng		99
35) Caprolactam	11.999	113	126599	38.58	ng	#	13
36) 4-Chloro-3-methylphenol	12.387	107	429370	37.48	ng		91
37) 2-Methylnaphthalene	12.757	142	936854	36.61	ng		97
38) 1-Methylnaphthalene	12.975	142	883631	36.20	ng		99
40) 1,2,4,5-Tetrachloroben...	13.140	216	510615	37.29	ng		99
41) Hexachlorocyclopentadiene	13.134	237	262675	38.02	ng		99
43) 2,4,6-Trichlorophenol	13.363	196	333512	39.40	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.434	196	346345	38.86	ng		95
46) 1,1'-Biphenyl	13.745	154	1175917	36.61	ng		97
47) 2-Chloronaphthalene	13.793	162	970322	36.82	ng		98
48) 2-Nitroaniline	13.969	65	312032	39.68	ng	#	58
49) Acenaphthylene	14.634	152	1432484	37.02	ng		100
50) Dimethylphthalate	14.340	163	1177138	36.40	ng		100
51) 2,6-Dinitrotoluene	14.451	165	249977	37.67	ng	#	70
52) Acenaphthene	14.975	154	942105	36.55	ng		93
53) 3-Nitroaniline	14.787	138	278675	37.94	ng	#	77
54) 2,4-Dinitrophenol	14.987	184	89966	33.38	ng	#	1
55) Dibenzofuran	15.298	168	1384236	36.15	ng		99
56) 4-Nitrophenol	15.092	139	206430	38.99	ng	#	62
57) 2,4-Dinitrotoluene	15.240	165	345952	38.83	ng	#	77
58) Fluorene	15.945	166	1114823	36.35	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.534	232	307189	38.24	ng		98
60) Diethylphthalate	15.692	149	1157044	36.54	ng		99
61) 4-Chlorophenyl-phenyle...	15.928	204	610640	36.44	ng		96
62) 4-Nitroaniline	15.939	138	292211	38.16	ng		87
63) Azobenzene	16.216	77	1078274	36.07	ng		85
65) 4,6-Dinitro-2-methylph...	16.010	198	151331	34.84	ng		85
66) n-Nitrosodiphenylamine	16.134	169	974493	37.19	ng		97
67) 4-Bromophenyl-phenylether	16.816	248	375655	37.51	ng		98
68) Hexachlorobenzene	16.975	284	425646	37.25	ng		98
69) Atrazine	17.063	200	331091	38.49	ng		98
70) Pentachlorophenol	17.298	266	216638	39.63	ng		99
71) Phenanthrene	17.675	178	1759842	36.63	ng		99
72) Anthracene	17.763	178	1699193	36.62	ng		98
73) Carbazole	18.016	167	1584809	36.82	ng		98
74) Di-n-butylphthalate	18.533	149	1914722	38.42	ng		99
75) Fluoranthene	19.604	202	2039682	36.80	ng		100
77) Benzidine	19.745	184	702751	36.08	ng		99
78) Pyrene	19.951	202	2096607	37.42	ng		98
80) Butylbenzylphthalate	20.769	149	851628	40.79	ng	#	86
81) Benzo(a)anthracene	21.633	228	2032363	37.33	ng		98
82) 3,3'-Dichlorobenzidine	21.545	252	724268	38.56	ng		99
83) Chrysene	21.692	228	1939254	37.07	ng		98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1214974	39.48	ng		99
85) Di-n-octyl phthalate	22.445	149	2035014	39.69	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.662	276	2221698	36.22	ng		98
88) Benzo(b)fluoranthene	23.369	252	2072956	37.25	ng		99
89) Benzo(k)fluoranthene	23.416	252	1922225	34.98	ng		99
90) Benzo(a)pyrene	24.010	252	1871205	36.32	ng		99
91) Dibenzo(a,h)anthracene	26.662	278	1849975	36.18	ng		98
92) Benzo(g,h,i)perylene	27.445	276	1794835	36.26	ng		98

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

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