Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110620\
Data File : BP003833.D
Acq On : 06 Nov 2020 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 11:40:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad

11/10/2020 11:59:06 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.305	152	199010	20.00	ng		0.00
21) Naphthalene-d8	11.134	136	700840	20.00	ng	#	0.00
39) Acenaphthene-d10	14.916	164	395866	20.00	ng		0.00
64) Phenanthrene-d10	17.645	188	775110	20.00	ng	#	0.00
76) Chrysene-d12	21.669	240	682333	20.00	ng		0.00
86) Perylene-d12	24.145	264	754523	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.822	112	923873	77.48	ng		0.00
7) Phenol-d6	7.469	99	1219278	71.23	ng		0.00
23) Nitrobenzene-d5	9.469	82	1080223m	75.49	ng		0.00
42) 2,4,6-Tribromophenol	16.398	330	385484	77.86	ng		0.00
45) 2-Fluorobiphenyl	13.545	172	2172255	76.71	ng		0.00
79) Terphenyl-d14	20.133	244	2730504	77.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.517	88	188513	36.64	ng	#	64
3) Pyridine	3.952	79	531023	35.19	ng	#	63
4) n-Nitrosodimethylamine	3.852	42	244325	35.17	ng	#	59
6) Aniline	7.605	93	686679	35.33	ng	#	84
8) 2-Chlorophenol	7.875	128	468829	37.03	ng	#	81
9) Benzaldehyde	7.405	77	284528	36.07	ng	#	81
10) Phenol	7.499	94	585589	35.45	ng		87
11) bis(2-Chloroethyl)ether	7.693	93	464007	34.95	ng	#	81
12) 1,3-Dichlorobenzene	8.199	146	578946	37.32	ng	#	95
13) 1,4-Dichlorobenzene	8.340	146	581335	37.17	ng		97
14) 1,2-Dichlorobenzene	8.675	146	550978	36.88	ng		98
15) Benzyl Alcohol	8.534	79	418504	35.30	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.834	45	729058	32.61	ng		83
17) 2-Methylphenol	8.763	107	384359	35.44	ng		95
18) Hexachloroethane	9.416	117	215102	38.70	ng		98
19) n-Nitroso-di-n-propyla...	9.105	70	346396	33.86	ng	#	78
20) 3+4-Methylphenols	9.087	107	505118	34.89	ng		95
22) Acetophenone	9.122	105	684565	36.39	ng	#	86
24) Nitrobenzene	9.510	77	520697	36.61	ng	#	84
25) Isophorone	10.034	82	871900	35.87	ng	#	90
26) 2-Nitrophenol	10.234	139	242202	43.62	ng	#	77
27) 2,4-Dimethylphenol	10.299	122	342206	36.95	ng		94
28) bis(2-Chloroethoxy)met...	10.504	93	591731	35.48	ng		97
29) 2,4-Dichlorophenol	10.787	162	427161	38.27	ng		96
30) 1,2,4-Trichlorobenzene	11.004	180	517282	38.04	ng		99
31) Naphthalene	11.187	128	1377285	36.62	ng		100
32) Benzoic acid	10.452	122	233602	38.01	ng	#	77
33) 4-Chloroaniline	11.275	127	566413	35.44	ng	#	90
34) Hexachlorobutadiene	11.499	225	344181	38.81	ng		99
35) Caprolactam	12.004	113	122093	35.38	ng	#	20
36) 4-Chloro-3-methylphenol	12.398	107	422820	35.09	ng		91
37) 2-Methylnaphthalene	12.769	142	944851	35.11	ng		99
38) 1-Methylnaphthalene	12.987	142	893917	34.82	ng		98
40) 1,2,4,5-Tetrachloroben...	13.145	216	522113	39.85	ng		99
41) Hexachlorocyclopentadiene	13.140	237	281946	42.66	ng		99
43) 2,4,6-Trichlorophenol	13.369	196	334430	41.29	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.445	196	337141	39.54	ng		95
46) 1,1'-Biphenyl	13.751	154	1162935	37.84	ng		97
47) 2-Chloronaphthalene	13.804	162	962422	38.17	ng		99
48) 2-Nitroaniline	13.981	65	291793	38.78	ng	#	62
49) Acenaphthylene	14.640	152	1385050	37.41	ng		99
50) Dimethylphthalate	14.345	163	1095100	35.39	ng		100
51) 2,6-Dinitrotoluene	14.463	165	237319	37.38	ng	#	77
52) Acenaphthene	14.981	154	917023	37.18	ng		97
53) 3-Nitroaniline	14.792	138	257256	36.61	ng	#	77
54) 2,4-Dinitrophenol	14.998	184	112028	40.74	ng	#	1
55) Dibenzofuran	15.310	168	1321030	36.05	ng		99
56) 4-Nitrophenol	15.110	139	193000	38.10	ng	#	69
57) 2,4-Dinitrotoluene	15.251	165	319134	37.44	ng	#	81
58) Fluorene	15.957	166	1045312	35.62	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.545	232	293707	38.21	ng		96
60) Diethylphthalate	15.698	149	1065476	35.17	ng		99
61) 4-Chlorophenyl-phenyle...	15.934	204	578210	36.06	ng		96
62) 4-Nitroaniline	15.945	138	268154	36.60	ng		89
63) Azobenzene	16.228	77	986805	34.50	ng		87
65) 4,6-Dinitro-2-methylph...	16.022	198	158748	39.36	ng		85
66) n-Nitrosodiphenylamine	16.145	169	894875	37.71	ng		98
67) 4-Bromophenyl-phenylether	16.822	248	352277	38.84	ng		99
68) Hexachlorobenzene	16.986	284	393084	37.99	ng		98
69) Atrazine	17.075	200	300817	38.62	ng		96
70) Pentachlorophenol	17.316	266	199182	40.24	ng		100
71) Phenanthrene	17.686	178	1583178	36.39	ng		99
72) Anthracene	17.775	178	1544434	36.76	ng		99
73) Carbazole	18.028	167	1403062	36.00	ng		98
74) Di-n-butylphthalate	18.545	149	1746599	38.71	ng		99
75) Fluoranthene	19.616	202	1777890	35.42	ng		99
77) Benzidine	19.757	184	634132	39.40	ng		99
78) Pyrene	19.963	202	1800021	38.87	ng		98
80) Butylbenzylphthalate	20.780	149	764536	44.31	ng	#	86
81) Benzo(a)anthracene	21.651	228	1704034	37.87	ng		98
82) 3,3'-Dichlorobenzidine	21.563	252	614969	39.62	ng		98
83) Chrysene	21.704	228	1603849	37.10	ng		98
84) Bis(2-ethylhexyl)phtha...	21.527	149	1075475	42.29	ng		99
85) Di-n-octyl phthalate	22.463	149	1874609	44.24	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.704	276	1980387	36.38	ng		98
88) Benzo(b)fluoranthene	23.392	252	1756597	35.58	ng		99
89) Benzo(k)fluoranthene	23.439	252	1641484	33.67	ng		99
90) Benzo(a)pyrene	24.033	252	1619082	35.42	ng		99
91) Dibenzo(a,h)anthracene	26.704	278	1651281	36.39	ng		98
92) Benzo(g,h,i)perylene	27.492	276	1605187	36.55	ng		96

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

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