Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011321\
Data File : BP004529.D
Acq On : 13 Jan 2021 09:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 13 11:09:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad

1/14/2021 3:49:59 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	196951	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	744197	20.00	ng		# 0.00
39) Acenaphthene-d10	14.463	164	495993	20.00	ng		0.00
64) Phenanthrene-d10	17.228	188	1148861	20.00	ng		0.00
76) Chrysene-d12	21.321	240	1304281	20.00	ng		0.00
86) Perylene-d12	23.674	264	1404377	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	805558	71.29	ng		0.00
7) Phenol-d6	6.987	99	1093087	70.63	ng		0.00
23) Nitrobenzene-d5	8.969	82	939814	71.40	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	677882	78.61	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	2765020	72.47	ng		0.00
79) Terphenyl-d14	19.792	244	4969312	69.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	161895	35.44	ng		93
3) Pyridine	3.722	79	432942	35.37	ng		94
4) n-Nitrosodimethylamine	3.640	42	136650	35.31	ng		88
6) Aniline	7.140	93	612993	34.82	ng		95
8) 2-Chlorophenol	7.381	128	455484	35.50	ng		94
9) Benzaldehyde	6.952	77	257824	38.92	ng		91
10) Phenol	7.010	94	519629	35.02	ng		96
11) bis(2-Chloroethyl)ether	7.240	93	413893	34.85	ng		95
12) 1,3-Dichlorobenzene	7.705	146	567569	35.77	ng		97
13) 1,4-Dichlorobenzene	7.846	146	571906	35.63	ng		99
14) 1,2-Dichlorobenzene	8.163	146	548055	35.76	ng		99
15) Benzyl Alcohol	8.052	79	351755	35.08	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.340	45	426687	33.88	ng		96
17) 2-Methylphenol	8.257	107	369106	35.25	ng		98
18) Hexachloroethane	8.887	117	194646	35.09	ng		95
19) n-Nitroso-di-n-propyla...	8.616	70	297808	34.31	ng		93
20) 3+4-Methylphenols	8.587	107	503423	35.24	ng		98
22) Acetophenone	8.634	105	653909	35.60	ng	#	97
24) Nitrobenzene	9.016	77	454755	35.31	ng		92
25) Isophorone	9.534	82	836085	35.22	ng		96
26) 2-Nitrophenol	9.722	139	267393	37.66	ng		94
27) 2,4-Dimethylphenol	9.787	122	357460	36.35	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	574112	35.25	ng		100
29) 2,4-Dichlorophenol	10.263	162	479988	36.76	ng		98
30) 1,2,4-Trichlorobenzene	10.475	180	577543	36.77	ng		98
31) Naphthalene	10.663	128	1464597	35.83	ng		100
32) Benzoic acid	9.934	122	279278	36.82	ng		91
33) 4-Chloroaniline	10.769	127	633449	35.88	ng		97
34) Hexachlorobutadiene	10.946	225	389439	36.89	ng		98
35) Caprolactam	11.540	113	151098	36.24	ng	#	80
36) 4-Chloro-3-methylphenol	11.904	107	447689	36.01	ng		98
37) 2-Methylnaphthalene	12.275	142	1087856	36.20	ng		100
38) 1-Methylnaphthalene	12.498	142	1028798	36.06	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	652043	36.60	ng		98
41) Hexachlorocyclopentadiene	12.622	237	226139	34.55	ng		98
43) 2,4,6-Trichlorophenol	12.893	196	428136	36.92	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	448916	37.25	ng		98
46) 1,1'-Biphenyl	13.292	154	1409905	35.56	ng		99
47) 2-Chloronaphthalene	13.334	162	1176153	35.84	ng		98
48) 2-Nitroaniline	13.540	65	272336	35.89	ng		86
49) Acenaphthylene	14.187	152	1764564	35.99	ng		100
50) Dimethylphthalate	13.922	163	1501595	36.54	ng		99
51) 2,6-Dinitrotoluene	14.045	165	325372	37.13	ng		99
52) Acenaphthene	14.528	154	1072084	35.87	ng		99
53) 3-Nitroaniline	14.369	138	351030	36.81	ng		92
54) 2,4-Dinitrophenol	14.592	184	161212	37.96	ng		96
55) Dibenzofuran	14.863	168	1755507	36.28	ng		98
56) 4-Nitrophenol	14.698	139	250335	37.81	ng		93
57) 2,4-Dinitrotoluene	14.839	165	455750	38.05	ng		96
58) Fluorene	15.516	166	1406929	36.41	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	419450	37.08	ng	#	89
60) Diethylphthalate	15.292	149	1477366	36.76	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	807866	37.00	ng		92
62) 4-Nitroaniline	15.539	138	381718	37.90	ng		95
63) Azobenzene	15.804	77	1082770	35.58	ng		96
65) 4,6-Dinitro-2-methylph...	15.616	198	243717	36.42	ng		92
66) n-Nitrosodiphenylamine	15.728	169	1260417	35.39	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	559972	36.47	ng		93
68) Hexachlorobenzene	16.533	284	680312	37.09	ng		93
69) Atrazine	16.686	200	463365	36.99	ng		97
70) Pentachlorophenol	16.881	266	288273	35.02	ng		94
71) Phenanthrene	17.269	178	2348033	35.65	ng		100
72) Anthracene	17.357	178	2300599	36.04	ng		100
73) Carbazole	17.633	167	2135192	35.89	ng		99
74) Di-n-butylphthalate	18.180	149	2630387	36.59	ng		99
75) Fluoranthene	19.239	202	2956312	36.89	ng		100
77) Benzidine	19.422	184	1262603	37.00	ng		99
78) Pyrene	19.592	202	3034494	34.19	ng		100
80) Butylbenzylphthalate	20.463	149	1239926	34.54	ng		95
81) Benzo(a)anthracene	21.304	228	3142804	35.42	ng		100
82) 3,3'-Dichlorobenzidine	21.233	252	1149432	35.94	ng		99
83) Chrysene	21.357	228	2951128	34.95	ng		99
84) Bis(2-ethylhexyl)phtha...	21.221	149	1783999	34.81	ng		98
85) Di-n-octyl phthalate	22.133	149	3063701	35.20	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.104	276	4041459	37.29	ng	#	95
88) Benzo(b)fluoranthene	22.963	252	3454599m	38.01	ng		
89) Benzo(k)fluoranthene	23.010	252	3110689	35.88	ng	#	98
90) Benzo(a)pyrene	23.574	252	3126108	36.87	ng	#	98
91) Dibenzo(a,h)anthracene	26.115	278	3343064	37.38	ng	#	96
92) Benzo(g,h,i)perylene	26.845	276	3266943	37.09	ng	#	95

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

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