Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
Data File : BP003652.D
Acq On : 16 Oct 2020 23:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/19/2020 1:24:17 PM

Quant Time: Oct 17 01:04:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 12:46:19 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	106677	20.00	ng	# 0.00
21) Naphthalene-d8	11.387	136	412070	20.00	ng	# 0.00
39) Acenaphthene-d10	15.139	164	295714	20.00	ng	0.00
64) Phenanthrene-d10	17.851	188	713369	20.00	ng	0.00
76) Chrysene-d12	21.857	240	773940	20.00	ng	# 0.00
86) Perylene-d12	24.427	264	744709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.034	112	488620	78.74	ng	0.00
7) Phenol-d6	7.687	99	746351	82.57	ng	0.00
23) Nitrobenzene-d5	9.710	82	760897	85.61	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	398651	101.11	ng	0.00
45) 2-Fluorobiphenyl	13.769	172	1704459	75.62	ng	0.00
79) Terphenyl-d14	20.316	244	3315664	77.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.693	88	94522	35.56	ng	# 86
3) Pyridine	4.134	79	300238	38.76	ng	# 89
4) n-Nitrosodimethylamine	4.028	42	129119	38.79	ng	# 58
6) Aniline	7.840	93	418853	39.59	ng	# 86
8) 2-Chlorophenol	8.105	128	253910	40.25	ng	# 82
9) Benzaldehyde	7.634	77	187218	39.54	ng	# 78
10) Phenol	7.716	94	352403	40.37	ng	78
11) bis(2-Chloroethyl)ether	7.922	93	269006	38.39	ng	92
12) 1,3-Dichlorobenzene	8.434	146	308691	37.64	ng	# 90
13) 1,4-Dichlorobenzene	8.575	146	316147	38.42	ng	# 94
14) 1,2-Dichlorobenzene	8.916	146	306377	38.82	ng	95
15) Benzyl Alcohol	8.769	79	300881	41.44	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	9.069	45	270045	37.64	ng	99
17) 2-Methylphenol	8.987	107	243629	41.19	ng	# 87
18) Hexachloroethane	9.669	117	122584	38.32	ng	92
19) n-Nitroso-di-n-propyla...	9.340	70	243462	40.41	ng	# 85
20) 3+4-Methylphenols	9.316	107	332310	42.21	ng	90
22) Acetophenone	9.363	105	458996	37.73	ng	# 87
24) Nitrobenzene	9.752	77	365219	41.74	ng	# 75
25) Isophorone	10.275	82	644199	38.84	ng	# 87
26) 2-Nitrophenol	10.481	139	146708	55.44	ng	# 63
27) 2,4-Dimethylphenol	10.534	122	218017	39.89	ng	# 82
28) bis(2-Chloroethoxy)met...	10.746	93	383539	37.62	ng	97
29) 2,4-Dichlorophenol	11.028	162	287908	42.20	ng	95
30) 1,2,4-Trichlorobenzene	11.251	180	345194	38.15	ng	98
31) Naphthalene	11.440	128	849375	38.45	ng	100
32) Benzoic acid	10.675	122	161271	53.70	ng	# 61
33) 4-Chloroaniline	11.522	127	374166	39.22	ng	# 86
34) Hexachlorobutadiene	11.746	225	256027	38.17	ng	98
35) Caprolactam	12.251	113	96622	44.69	ng	# 54
36) 4-Chloro-3-methylphenol	12.622	107	342318	43.96	ng	# 83
37) 2-Methylnaphthalene	13.004	142	646572	39.34	ng	# 95
38) 1-Methylnaphthalene	13.216	142	610803m	39.53	ng	
40) 1,2,4,5-Tetrachloroben...	13.375	216	429484	38.31	ng	98
41) Hexachlorocyclopentadiene	13.369	237	210352	33.67	ng	100
43) 2,4,6-Trichlorophenol	13.592	196	280230	45.07	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.669	196	294500	45.10	ng	#	94
46) 1,1'-Biphenyl	13.975	154	866638	37.93	ng		98
47) 2-Chloronaphthalene	14.028	162	723233	38.02	ng		99
48) 2-Nitroaniline	14.198	65	245526	45.61	ng	#	57
49) Acenaphthylene	14.863	152	1078589	38.92	ng		100
50) Dimethylphthalate	14.563	163	967722	39.85	ng		99
51) 2,6-Dinitrotoluene	14.675	165	203849	46.61	ng	#	61
52) Acenaphthene	15.198	154	710401	39.35	ng		92
53) 3-Nitroaniline	15.004	138	210347	47.71	ng	#	59
54) 2,4-Dinitrophenol	15.204	184	72807	42.09	ng	#	1
55) Dibenzofuran	15.528	168	1098222	39.14	ng		97
56) 4-Nitrophenol	15.310	139	158546	50.08	ng	#	37
57) 2,4-Dinitrotoluene	15.457	165	292084	46.00	ng	#	69
58) Fluorene	16.169	166	907354	39.97	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.751	232	293031	48.80	ng		93
60) Diethylphthalate	15.904	149	960618	40.25	ng		98
61) 4-Chlorophenyl-phenyle...	16.145	204	541791	40.28	ng		96
62) 4-Nitroaniline	16.157	138	236981	48.31	ng	#	55
63) Azobenzene	16.434	77	893322	38.90	ng		85
65) 4,6-Dinitro-2-methylph...	16.228	198	122124	40.91	ng		93
66) n-Nitrosodiphenylamine	16.351	169	796127	37.37	ng		100
67) 4-Bromophenyl-phenylether	17.028	248	357677	38.19	ng		99
68) Hexachlorobenzene	17.192	284	410526	38.39	ng		97
69) Atrazine	17.269	200	324163	39.03	ng		98
70) Pentachlorophenol	17.516	266	225477	46.34	ng		99
71) Phenanthrene	17.892	178	1511500	38.14	ng		99
72) Anthracene	17.980	178	1477846	38.23	ng		99
73) Carbazole	18.222	167	1347836	38.61	ng		99
74) Di-n-butylphthalate	18.728	149	1655582	38.93	ng	#	98
75) Fluoranthene	19.804	202	1921083	39.16	ng		98
77) Benzidine	19.939	184	642482	35.41	ng		100
78) Pyrene	20.151	202	1946543	37.84	ng		99
80) Butylbenzylphthalate	20.951	149	771671	42.95	ng	#	80
81) Benzo(a)anthracene	21.839	228	2012045	38.66	ng		98
82) 3,3'-Dichlorobenzidine	21.745	252	731467	39.76	ng	#	99
83) Chrysene	21.898	228	1879124	38.17	ng		99
84) Bis(2-ethylhexyl)phtha...	21.698	149	1081809	39.68	ng		98
85) Di-n-octyl phthalate	22.657	149	1826833	41.50	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.115	276	2021348	35.77	ng	#	91
88) Benzo(b)fluoranthene	23.639	252	2089452	40.38	ng	#	98
89) Benzo(k)fluoranthene	23.692	252	1883514	38.77	ng	#	96
90) Benzo(a)pyrene	24.315	252	1812156	38.88	ng	#	96
91) Dibenzo(a,h)anthracene	27.115	278	1707929	36.23	ng	#	93
92) Benzo(g,h,i)perylene	27.945	276	1558164	35.02	ng	#	91

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

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