Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102220\
Data File : BP003705.D
Acq On : 23 Oct 2020 03:32
Operator : CG/JU
Sample : PB132551BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB132551BS

Manual Integrations APPROVED
mohammad
10/23/2020 1:32:51 PM

Quant Time: Oct 23 04:42:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 19 14:54:24 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.528	152	160555	20.00	ng		0.00
21) Naphthalene-d8	11.369	136	599252	20.00	ng		# 0.00
39) Acenaphthene-d10	15.128	164	402965	20.00	ng		0.00
64) Phenanthrene-d10	17.839	188	924784	20.00	ng		0.00
76) Chrysene-d12	21.851	240	972099	20.00	ng		# 0.00
86) Perylene-d12	24.427	264	850460	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	1258761	131.10	ng		0.00
7) Phenol-d6	7.681	99	1639730	120.87	ng		0.00
23) Nitrobenzene-d5	9.699	82	1180640	83.35	ng		0.00
42) 2,4,6-Tribromophenol	16.598	330	802454	127.64	ng		0.00
45) 2-Fluorobiphenyl	13.757	172	2554854	81.96	ng		0.00
79) Terphenyl-d14	20.310	244	4348456	78.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.681	88	141134	34.40	ng	#	88
3) Pyridine	4.122	79	424657	36.60	ng		92
4) n-Nitrosodimethylamine	4.022	42	199383	40.28	ng	#	68
6) Aniline	7.822	93	567668	37.70	ng	#	88
8) 2-Chlorophenol	8.093	128	452999	47.39	ng		83
9) Benzaldehyde	7.622	77	201374	28.52	ng	#	79
10) Phenol	7.705	94	618598	47.88	ng		82
11) bis(2-Chloroethyl)ether	7.904	93	468416	45.69	ng		91
12) 1,3-Dichlorobenzene	8.422	146	522870	42.42	ng	#	92
13) 1,4-Dichlorobenzene	8.563	146	529904	42.57	ng	#	93
14) 1,2-Dichlorobenzene	8.899	146	505292	42.84	ng		95
15) Benzyl Alcohol	8.757	79	481729	46.45	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	9.052	45	441856	43.49	ng		95
17) 2-Methylphenol	8.975	107	412298	48.18	ng	#	90
18) Hexachloroethane	9.651	117	201131	41.92	ng		95
19) n-Nitroso-di-n-propyla...	9.328	70	374619	45.20	ng	#	86
20) 3+4-Methylphenols	9.304	107	555714	48.24	ng		93
22) Acetophenone	9.346	105	735543	41.94	ng	#	89
24) Nitrobenzene	9.740	77	571892	41.93	ng	#	78
25) Isophorone	10.263	82	1014781	44.45	ng	#	89
26) 2-Nitrophenol	10.463	139	241211	47.35	ng	#	65
27) 2,4-Dimethylphenol	10.522	122	427379	53.43	ng	#	83
28) bis(2-Chloroethoxy)met...	10.734	93	605463	41.58	ng		97
29) 2,4-Dichlorophenol	11.016	162	469457	44.74	ng		95
30) 1,2,4-Trichlorobenzene	11.234	180	535525	39.82	ng		99
31) Naphthalene	11.422	128	1362455	42.18	ng		100
32) Benzoic acid	10.681	122	241088	43.50	ng	#	68
33) 4-Chloroaniline	11.504	127	370346	27.82	ng	#	87
34) Hexachlorobutadiene	11.734	225	385132	37.95	ng		99
35) Caprolactam	12.240	113	144664	47.08	ng	#	54
36) 4-Chloro-3-methylphenol	12.610	107	536414	47.12	ng	#	83
37) 2-Methylnaphthalene	12.987	142	1018287	43.44	ng	#	95
38) 1-Methylnaphthalene	13.204	142	941664m	42.50	ng		
40) 1,2,4,5-Tetrachloroben...	13.363	216	662883	41.54	ng		98
41) Hexachlorocyclopentadiene	13.357	237	936498	101.36	ng		100
43) 2,4,6-Trichlorophenol	13.581	196	416531	43.87	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.657	196	452233	45.84	ng		95
46) 1,1'-Biphenyl	13.963	154	1326286	42.21	ng		98
47) 2-Chloronaphthalene	14.016	162	1052128	40.04	ng		98
48) 2-Nitroaniline	14.187	65	329373	42.44	ng	#	61
49) Acenaphthylene	14.851	152	1609733	42.91	ng		100
50) Dimethylphthalate	14.551	163	1380260	41.69	ng		99
51) 2,6-Dinitrotoluene	14.663	165	304833	45.26	ng	#	69
52) Acenaphthene	15.192	154	1177524	46.51	ng	#	81
53) 3-Nitroaniline	14.992	138	200409	30.32	ng	#	62
54) 2,4-Dinitrophenol	15.198	184	316030	82.64	ng	#	1
55) Dibenzofuran	15.516	168	1633988	42.69	ng		98
56) 4-Nitrophenol	15.304	139	470771	95.16	ng	#	45
57) 2,4-Dinitrotoluene	15.445	165	427694	46.94	ng	#	71
58) Fluorene	16.157	166	1342266	43.46	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.745	232	426167	45.05	ng		92
60) Diethylphthalate	15.892	149	1372394	42.31	ng		97
61) 4-Chlorophenyl-phenyle...	16.133	204	776707	41.59	ng		94
62) 4-Nitroaniline	16.151	138	290868	39.67	ng	#	66
63) Azobenzene	16.422	77	1306017	42.83	ng		86
65) 4,6-Dinitro-2-methylph...	16.216	198	238564	48.93	ng		91
66) n-Nitrosodiphenylamine	16.339	169	1192741	43.32	ng		98
67) 4-Bromophenyl-phenylether	17.022	248	512080	41.36	ng		96
68) Hexachlorobenzene	17.186	284	581999	40.84	ng		95
69) Atrazine	17.263	200	406610	37.88	ng		96
70) Pentachlorophenol	17.510	266	694251	98.66	ng		100
71) Phenanthrene	17.886	178	2186360	42.54	ng		99
72) Anthracene	17.969	178	2238113	45.09	ng		99
73) Carbazole	18.216	167	1943027	44.00	ng		99
74) Di-n-butylphthalate	18.716	149	2336406	43.35	ng	#	98
75) Fluoranthene	19.792	202	2806228	44.45	ng		99
77) Benzidine	19.933	184	968751	41.59	ng		99
78) Pyrene	20.145	202	2817729	43.28	ng		99
80) Butylbenzylphthalate	20.945	149	1045705	43.84	ng	#	81
81) Benzo(a)anthracene	21.839	228	2801378	43.22	ng		99
82) 3,3'-Dichlorobenzidine	21.739	252	715236	31.51	ng	#	99
83) Chrysene	21.892	228	2645370	43.05	ng		98
84) Bis(2-ethylhexyl)phtha...	21.698	149	1533228	44.91	ng	#	97
85) Di-n-octyl phthalate	22.657	149	2614366	47.18	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.115	276	2524142	41.35	ng	#	92
88) Benzo(b)fluoranthene	23.639	252	2815836	47.45	ng	#	98
89) Benzo(k)fluoranthene	23.692	252	2534122	44.74	ng	#	96
90) Benzo(a)pyrene	24.315	252	2307607	43.61	ng	#	97
91) Dibenzo(a,h)anthracene	27.109	278	2149196	42.12	ng	#	95
92) Benzo(g,h,i)perylene	27.945	276	1990635	42.09	ng	#	92

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

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