Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027197.D
Acq On : 24 Aug 2020 16:59
Operator : JU/CG
Sample : PB131136BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB131136BS

Manual Integrations APPROVED
mohammad
8/25/2020 4:18:21 PM

Quant Time: Aug 24 17:36:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:18:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	131479	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	459818	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	277485	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	570617	20.00	ng	0.00
76) Chrysene-d12	21.19	240	552092	20.00	ng	0.00
86) Perylene-d12	23.37	264	595379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	617417	91.54	ng	0.00
7) Phenol-d6	6.79	99	939180	101.42	ng	0.00
23) Nitrobenzene-d5	8.75	82	749024	67.21	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	419506	93.36	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	1512945	71.62	ng	0.00
79) Terphenyl-d14	19.63	244	2055701	69.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	164481	51.033	ng	98
3) Pyridine	3.57	79	244048	26.973	ng	97
4) n-Nitrosodimethylamine	3.49	42	127275	32.246	ng	79
6) Aniline	6.94	93	416086	39.554	ng	99
8) 2-Chlorophenol	7.17	128	304727	43.417	ng	98
9) Benzaldehyde	6.75	77	245244	38.680	ng	98
10) Phenol	6.82	94	377410	42.765	ng	90
11) bis(2-Chloroethyl)ether	7.04	93	303339	42.050	ng	95
12) 1,3-Dichlorobenzene	7.50	146	362946	36.949	ng	96
13) 1,4-Dichlorobenzene	7.64	146	372257	37.561	ng	99
14) 1,2-Dichlorobenzene	7.95	146	351202	37.363	ng	97
15) Benzyl Alcohol	7.85	79	323284	38.409	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.13	45	227179	39.254	ng	94
17) 2-Methylphenol	8.05	107	252001	41.269	ng	93
18) Hexachloroethane	8.67	117	143015	35.559	ng	98
19) n-Nitroso-di-n-propylamine	8.41	70	267381	37.617	ng	99
20) 3+4-Methylphenols	8.38	107	330601	40.460	ng	97
22) Acetophenone	8.42	105	467418	37.823	ng	96
24) Nitrobenzene	8.79	77	411019	36.435	ng	94
25) Isophorone	9.32	82	657892	40.301	ng	98
26) 2-Nitrophenol	9.50	139	160952	45.710	ng	87
27) 2,4-Dimethylphenol	9.57	122	261741	47.875	ng	93
28) bis(2-Chloroethoxy)methane	9.80	93	387355	38.884	ng	99
29) 2,4-Dichlorophenol	10.03	162	301287	39.515	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	363686	36.335	ng	100
31) Naphthalene	10.43	128	888999	38.145	ng	99
32) Benzoic acid	9.70	122	158846	36.128	ng	97
33) 4-Chloroaniline	10.53	127	260683	27.075	ng	97
34) Hexachlorobutadiene	10.72	225	241712	36.147	ng	97
35) Caprolactam	11.31	113	77642m	37.565	ng	
36) 4-Chloro-3-methylphenol	11.67	107	297247	37.714	ng	97
37) 2-Methylnaphthalene	12.05	142	664918	37.674	ng	97
38) 1-Methylnaphthalene	12.27	142	628100	36.980	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	418103	42.784	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:18:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	585001	108.302	ng		98
43) 2,4,6-Trichlorophenol	12.67	196	252603	41.862	ng		99
44) 2,4,5-Trichlorophenol	12.74	196	264770	41.378	ng		97
46) 1,1'-Biphenyl	13.07	154	868181	41.744	ng		100
47) 2-Chloronaphthalene	13.11	162	680072	38.352	ng		98
48) 2-Nitroaniline	13.32	65	205869	36.378	ng		91
49) Acenaphthylene	13.96	152	1032368	41.864	ng		99
50) Dimethylphthalate	13.71	163	833386	36.993	ng		100
51) 2,6-Dinitrotoluene	13.82	165	182250	40.685	ng		86
52) Acenaphthene	14.31	154	610543	39.001	ng		98
53) 3-Nitroaniline	14.14	138	126131	29.195	ng		100
54) 2,4-Dinitrophenol	14.36	184	192774	82.425	ng		88
55) Dibenzofuran	14.64	168	1012772	38.837	ng		96
56) 4-Nitrophenol	14.47	139	290183	84.167	ng		90
57) 2,4-Dinitrotoluene	14.61	165	246290	39.574	ng	#	92
58) Fluorene	15.30	166	814321	37.824	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	244363	38.986	ng		97
60) Diethylphthalate	15.09	149	819940	36.687	ng		99
61) 4-Chlorophenyl-phenylether	15.30	204	451885	36.546	ng		96
62) 4-Nitroaniline	15.31	138	168165	34.687	ng	#	87
63) Azobenzene	15.59	77	844068	36.811	ng		98
65) 4,6-Dinitro-2-methylphenol	15.38	198	133404	47.603	ng		100
66) n-Nitrosodiphenylamine	15.51	169	699794	43.179	ng		99
67) 4-Bromophenyl-phenylether	16.19	248	278940	40.488	ng		98
68) Hexachlorobenzene	16.30	284	317025	38.748	ng		97
69) Atrazine	16.47	200	225398	36.735	ng		98
70) Pentachlorophenol	16.64	266	410520	92.767	ng		98
71) Phenanthrene	17.03	178	1242054	39.155	ng		99
72) Anthracene	17.12	178	1279033	42.178	ng		100
73) Carbazole	17.39	167	1096942	39.327	ng		99
74) Di-n-butylphthalate	17.97	149	1326216	41.167	ng		99
75) Fluoranthene	19.05	202	1460254	36.852	ng		98
77) Benzidine	19.24	184	930030	97.116	ng		100
78) Pyrene	19.42	202	1472813	43.841	ng		99
80) Butylbenzylphthalate	20.34	149	562673	45.824	ng		96
81) Benzo(a)anthracene	21.17	228	1446301	40.427	ng		100
82) 3,3'-Dichlorobenzidine	21.11	252	503381	40.375	ng		100
83) Chrysene	21.23	228	1378572	39.676	ng		100
84) Bis(2-ethylhexyl)phthalate	21.13	149	824118	47.157	ng		100
85) Di-n-octyl phthalate	21.99	149	1407719	48.824	ng		99
87) Indeno(1,2,3-cd)pyrene	25.56	276	1994803	42.808	ng		99
88) Benzo(b)fluoranthene	22.72	252	1571559	39.584	ng		100
89) Benzo(k)fluoranthene	22.77	252	1496499	38.499	ng		100
90) Benzo(a)pyrene	23.28	252	1442113	39.789	ng		100
91) Dibenzo(a,h)anthracene	25.57	278	1691563	43.616	ng		98
92) Benzo(g,h,i)perylene	26.21	276	1687590	45.166	ng		99

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

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