Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001098.D
Acq On : 28 Nov 2019 00:06
Operator : JU
Sample : PB125030BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125030BS

Manual Integrations APPROVED
mohammad
11/29/2019 8:55:06 AM

Quant Time: Nov 28 04:42:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	164118	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	622049	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	336380	20.00	ng		0.00
64) Phenanthrene-d10	15.63	188	612116	20.00	ng		0.00
76) Chrysene-d12	19.27	240	458319	20.00	ng		0.00
87) Perylene-d12	21.04	264	496742	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	1079506	109.13	ng		0.01
7) Phenol-d6	7.78	99	1029329	78.11	ng		0.00
23) Nitrobenzene-d5	9.22	82	1314397	91.67	ng		0.00
42) 2,4,6-Tribromophenol	14.53	330	441458	136.92	ng		0.00
45) 2-Fluorobiphenyl	12.15	172	2089530	90.91	ng		0.00
79) Terphenyl-d14	17.91	244	2302361	92.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	139867	30.271	ng		98
3) Pyridine	3.49	79	240159	18.731	ng		95
4) n-Nitrosodimethylamine	3.37	42	193018	34.790	ng		92
6) Aniline	7.80	93	199003	11.389	ng	#	88
8) 2-Chlorophenol	7.99	128	506594	49.498	ng		97
9) Benzaldehyde	7.62	77	33212	Below Cal			97
10) Phenol	7.79	94	407029	27.153	ng		87
11) bis(2-Chloroethyl)ether	7.93	93	570885	48.906	ng		100
12) 1,3-Dichlorobenzene	8.23	146	521051	42.952	ng		99
13) 1,4-Dichlorobenzene	8.36	146	531702	43.510	ng		99
14) 1,2-Dichlorobenzene	8.59	146	502934	43.730	ng		99
15) Benzyl Alcohol	8.56	79	466284	43.102	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.79	45	862841	45.977	ng		99
17) 2-Methylphenol	8.75	107	432559	46.074	ng		99
18) Hexachloroethane	9.13	117	211609	41.859	ng		98
19) n-Nitroso-di-n-propylamine	9.00	70	450518	47.375	ng		98
20) 3+4-Methylphenols	9.00	107	511905	43.255	ng		96
22) Acetophenone	8.98	105	844096	46.169	ng	#	99
24) Nitrobenzene	9.25	77	673515	47.241	ng		97
25) Isophorone	9.64	82	1238604	48.176	ng		98
26) 2-Nitrophenol	9.75	139	265345	50.811	ng		99
27) 2,4-Dimethylphenol	9.85	122	470200	56.843	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	729316	45.212	ng		99
29) 2,4-Dichlorophenol	10.15	162	452957	48.112	ng		99
30) 1,2,4-Trichlorobenzene	10.28	180	469324	42.681	ng		98
31) Naphthalene	10.40	128	1469152	46.244	ng		100
32) Benzoic acid	9.99	122	146098	24.430	ng		98
33) 4-Chloroaniline	10.49	127	51356	3.725	ng		98
34) Hexachlorobutadiene	10.62	225	278524	40.264	ng		98
35) Caprolactam	11.05	113	45124m	13.907	ng		
36) 4-Chloro-3-methylphenol	11.30	107	526541	47.172	ng		98
37) 2-Methylnaphthalene	11.53	142	1011867	46.677	ng		99
38) 1-Methylnaphthalene	11.69	142	954244	46.598	ng		100
40) 1,2,4,5-Tetrachlorobenzene	11.81	216	464028	43.773	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	504033	103.065	ng		100
43) 2,4,6-Trichlorophenol	11.99	196	332899	48.095	ng		98
44) 2,4,5-Trichlorophenol	12.05	196	347566	48.464	ng	#	96
46) 1,1'-Biphenyl	12.30	154	1217002	46.814	ng		100
47) 2-Chloronaphthalene	12.32	162	935774	45.064	ng		98
48) 2-Nitroaniline	12.49	65	350600	43.080	ng		95
49) Acenaphthylene	13.00	152	1490786	47.894	ng		99
50) Dimethylphthalate	12.83	163	1282534	50.979	ng		99
51) 2,6-Dinitrotoluene	12.90	165	253539	47.078	ng		96
52) Acenaphthene	13.29	154	872177	46.582	ng		99
53) 3-Nitroaniline	13.16	138	61933	10.237	ng		98
54) 2,4-Dinitrophenol	13.35	184	203608	91.443	ng		97
55) Dibenzofuran	13.57	168	1323847	47.052	ng		99
56) 4-Nitrophenol	13.46	139	241306	56.290	ng		96
57) 2,4-Dinitrotoluene	13.56	165	319390	47.314	ng		93
58) Fluorene	14.13	166	1044037	46.308	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.77	232	282441	47.910	ng		99
60) Diethylphthalate	14.00	149	1165609	44.746	ng		99
61) 4-Chlorophenyl-phenylether	14.15	204	523090	45.563	ng		98
62) 4-Nitroaniline	12.49	138	304385	43.397	ng		98
63) Azobenzene	14.41	77	1300211	46.176	ng		98
65) 4,6-Dinitro-2-methylphenol	14.23	198	138299	52.068	ng		96
66) n-Nitrosodiphenylamine	14.35	169	862395	46.368	ng		100
67) 4-Bromophenyl-phenylether	14.95	248	311474	46.870	ng		93
68) Hexachlorobenzene	15.03	284	334403	45.771	ng		97
69) Atrazine	15.23	200	199690	35.164	ng		99
70) Pentachlorophenol	15.35	266	377779	99.210	ng		98
71) Phenanthrene	15.66	178	1518832	47.197	ng		100
72) Anthracene	15.75	178	1556134	49.060	ng		100
73) Carbazole	15.99	167	1324615	45.893	ng		100
74) Di-n-butylphthalate	16.55	149	1895737	48.850	ng		99
75) Fluoranthene	17.37	202	1656255	48.615	ng		99
77) Benzidine	17.56	184	361907	30.583	ng		99
78) Pyrene	17.68	202	1670352	46.272	ng		100
80) Butylbenzylphthalate	18.56	149	808402	48.485	ng		96
81) Benzo(a)anthracene	19.26	228	1499899	47.201	ng		99
82) 3,3'-Dichlorobenzidine	19.22	252	195720	18.644	ng		98
83) Chrysene	19.30	228	1348360	47.385	ng		99
84) Bis(2-ethylhexyl)phthalate	19.32	149	1132618	49.408	ng		98
85) Di-n-octyl phthalate	20.10	149	2078042	51.031	ng		100
86) Indeno(1,2,3-cd)pyrene	22.70	276	1613149	48.103	ng		100
88) Benzo(b)fluoranthene	20.56	252	1424687	46.956	ng		99
89) Benzo(k)fluoranthene	20.60	252	1437055	49.176	ng		99
90) Benzo(a)pyrene	20.97	252	1295450	46.354	ng		99
91) Dibenzo(a,h)anthracene	22.73	278	1351590	49.420	ng		99
92) Benzo(g,h,i)perylene	23.20	276	1364717	50.534	ng		99

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

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