Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000294.D
Acq On : 18 Sep 2019 13:51
Operator : HP/JU
Sample : PB123133BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB123133BS

Manual Integrations APPROVED
mohammad
9/19/2019 4:43:33 PM

Quant Time: Sep 19 13:44:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 13:31:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	250110	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	952436	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	533208	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1006450	20.00	ng	0.00
76) Chrysene-d12	14.00	240	819343	20.00	ng	0.00
87) Perylene-d12	15.47	264	891654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1477315	101.97	ng	0.02
7) Phenol-d6	6.43	99	1785282	100.53	ng	0.00
23) Nitrobenzene-d5	7.35	82	984236	66.67	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	641074	121.22	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2208955	74.56	ng	0.00
79) Terphenyl-d14	12.93	244	2706042	69.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	224594	34.353	ng	99
3) Pyridine	3.32	79	539870	30.674	ng	99
4) n-Nitrosodimethylamine	3.25	42	173784	35.017	ng	98
6) Aniline	6.45	93	718772	29.355	ng	97
8) 2-Chlorophenol	6.58	128	642535	41.186	ng	99
9) Benzaldehyde	6.34	77	347881	35.600	ng	98
10) Phenol	6.44	94	766839	38.006	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	578457	37.438	ng	98
12) 1,3-Dichlorobenzene	6.73	146	730491	39.020	ng	99
13) 1,4-Dichlorobenzene	6.81	146	746241	40.063	ng	97
14) 1,2-Dichlorobenzene	6.96	146	691109	40.504	ng	99
15) Benzyl Alcohol	6.93	79	511267	39.561	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	516418	35.253	ng	98
17) 2-Methylphenol	7.05	107	525557	39.332	ng	99
18) Hexachloroethane	7.30	117	267712	38.838	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	345724	36.820	ng	98
20) 3+4-Methylphenols	7.20	107	633324	39.196	ng	90
22) Acetophenone	7.20	105	857844	41.562	ng	97
24) Nitrobenzene	7.37	77	603013	39.328	ng	98
25) Isophorone	7.61	82	1111668	38.031	ng	99
26) 2-Nitrophenol	7.69	139	346683	42.650	ng	97
27) 2,4-Dimethylphenol	7.73	122	567336	43.817	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	733521	37.730	ng	100
29) 2,4-Dichlorophenol	7.93	162	577582	41.621	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	646577	40.650	ng	98
31) Naphthalene	8.10	128	1844502	41.815	ng	99
32) Benzoic acid	7.83	122	335007	38.320	ng	97
33) 4-Chloroaniline	8.14	127	479732	24.031	ng	99
34) Hexachlorobutadiene	8.22	225	389766	41.356	ng	99
35) Caprolactam	8.49	113	185552m	39.306	ng	
36) 4-Chloro-3-methylphenol	8.63	107	578373	41.056	ng	100
37) 2-Methylnaphthalene	8.79	142	1270481	42.133	ng	99
38) 1-Methylnaphthalene	8.89	142	1189349	42.106	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	654725	42.946	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	730774	83.475	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	435413	41.275	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	467742	43.302	ng		99
46) 1,1'-Biphenyl	9.25	154	1568979	42.535	ng		99
47) 2-Chloronaphthalene	9.28	162	1227918	39.684	ng		97
48) 2-Nitroaniline	9.37	65	286729	36.490	ng		97
49) Acenaphthylene	9.70	152	1944262	41.801	ng		99
50) Dimethylphthalate	9.55	163	1454889	40.048	ng		100
51) 2,6-Dinitrotoluene	9.62	165	335427	41.993	ng	#	87
52) Acenaphthene	9.87	154	1156570	39.404	ng		99
53) 3-Nitroaniline	9.78	138	251773	27.155	ng		99
54) 2,4-Dinitrophenol	9.89	184	301355	85.394	ng		99
55) Dibenzofuran	10.05	168	1748861	42.148	ng		97
56) 4-Nitrophenol	9.95	139	540928	78.441	ng		93
57) 2,4-Dinitrotoluene	10.02	165	438296	41.973	ng		93
58) Fluorene	10.39	166	1330962	41.529	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	395883	44.539	ng		98
60) Diethylphthalate	10.26	149	1414348	40.472	ng		100
61) 4-Chlorophenyl-phenylether	10.38	204	702877	42.725	ng		93
62) 4-Nitroaniline	10.40	138	354009	38.819	ng		97
63) Azobenzene	10.54	77	1161302	39.224	ng		100
65) 4,6-Dinitro-2-methylphenol	10.43	198	215460	45.529	ng		96
66) n-Nitrosodiphenylamine	10.50	169	1220978	40.299	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	453871	39.880	ng		99
68) Hexachlorobenzene	10.95	284	499578	40.152	ng		100
69) Atrazine	11.03	200	396116	51.674	ng		98
70) Pentachlorophenol	11.14	266	562535	83.013	ng		99
71) Phenanthrene	11.36	178	2059573	40.836	ng		100
72) Anthracene	11.40	178	2099653	40.445	ng		100
73) Carbazole	11.56	167	1908760	40.827	ng		99
74) Di-n-butylphthalate	11.90	149	2300921	38.882	ng		99
75) Fluoranthene	12.55	202	2325464	42.939	ng		98
77) Benzidine	12.67	184	1000785	34.201	ng		98
78) Pyrene	12.79	202	2364216	38.568	ng		100
80) Butylbenzylphthalate	13.41	149	1012288	35.939	ng		98
81) Benzo(a)anthracene	13.99	228	2027272	39.170	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	691612	33.250	ng		99
83) Chrysene	14.02	228	2011806	39.589	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1319147	39.013	ng		100
85) Di-n-octyl phthalate	14.60	149	2407125	38.411	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	2431967	39.262	ng		96
88) Benzo(b)fluoranthene	15.05	252	2278023	42.826	ng		98
89) Benzo(k)fluoranthene	15.08	252	1977367m	42.616	ng		
90) Benzo(a)pyrene	15.42	252	2112430	43.644	ng		98
91) Dibenzo(a,h)anthracene	16.99	278	1979522	43.866	ng		97
92) Benzo(g,h,i)perylene	17.43	276	2026473	43.689	ng		95

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

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