Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000058.D
Acq On : 04 Sep 2019 11:45
Operator : HP/JU
Sample : K4554-44MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4-(7-9)MSD

Manual Integrations APPROVED
mohammad
9/10/2019 9:51:20 AM

Quant Time: Sep 04 14:31:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	475270	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1755147	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	939528	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1650191	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1304261	20.00	ng	0.00
87) Perylene-d12	15.63	264	1462367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3779700	126.82	ng	0.01
7) Phenol-d6	6.52	99	4950610	131.58	ng	0.00
23) Nitrobenzene-d5	7.45	82	2698493	94.34	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1124646	142.01	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4839008	86.01	ng	0.00
79) Terphenyl-d14	13.04	244	5174383	86.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	527313	38.464	ng	97
3) Pyridine	3.49	79	1309899	35.464	ng	98
4) n-Nitrosodimethylamine	3.43	42	490597	41.134	ng	91
6) Aniline	6.56	93	1669285	30.655	ng	98
8) 2-Chlorophenol	6.68	128	1488879	48.312	ng	98
9) Benzaldehyde	6.44	77	970613	41.833	ng	96
10) Phenol	6.53	94	2053879	49.132	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	1498807	45.387	ng	98
12) 1,3-Dichlorobenzene	6.84	146	1623317	45.159	ng	98
13) 1,4-Dichlorobenzene	6.91	146	1653881	46.204	ng	99
14) 1,2-Dichlorobenzene	7.07	146	1504851	45.756	ng	97
15) Benzyl Alcohol	7.03	79	1260659	45.698	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1471333	41.432	ng	97
17) 2-Methylphenol	7.14	107	1248921	47.186	ng	99
18) Hexachloroethane	7.41	117	600836	45.257	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	946219	44.188	ng	97
20) 3+4-Methylphenols	7.29	107	1598998	48.440	ng	95
22) Acetophenone	7.30	105	2093686	49.802	ng	98
24) Nitrobenzene	7.47	77	1506801	48.625	ng	96
25) Isophorone	7.71	82	2841732	47.019	ng	98
26) 2-Nitrophenol	7.79	139	707564	58.633	ng	96
27) 2,4-Dimethylphenol	7.82	122	1294750	53.169	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	1833431	46.651	ng	98
29) 2,4-Dichlorophenol	8.03	162	1294290	51.689	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	1377599	48.259	ng	99
31) Naphthalene	8.20	128	4089771	50.787	ng	98
32) Benzoic acid	7.92	122	751463	46.405	ng	98
33) 4-Chloroaniline	8.24	127	470333	12.384	ng	95
34) Hexachlorobutadiene	8.32	225	769006	47.810	ng	99
35) Caprolactam	8.60	113	429791m	48.264	ng	
36) 4-Chloro-3-methylphenol	8.72	107	1352499	49.504	ng	96
37) 2-Methylnaphthalene	8.89	142	2885150	51.268	ng	99
38) 1-Methylnaphthalene	8.99	142	2667215	50.302	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1315864	49.481	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	1565586	106.920	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	888717	48.460	ng		100
44) 2,4,5-Trichlorophenol	9.20	196	964137	50.247	ng		97
46) 1,1'-Biphenyl	9.36	154	3324038	50.116	ng		98
47) 2-Chloronaphthalene	9.38	162	2644925	48.039	ng		99
48) 2-Nitroaniline	9.47	65	684729	46.043	ng		88
49) Acenaphthylene	9.80	152	4083889	49.989	ng		99
50) Dimethylphthalate	9.66	163	3467757	54.164	ng		99
51) 2,6-Dinitrotoluene	9.72	165	709661	52.221	ng		96
52) Acenaphthene	9.97	154	2743705	53.522	ng		98
53) 3-Nitroaniline	9.88	138	396987	24.453	ng		92
54) 2,4-Dinitrophenol	9.99	184	548624	104.700	ng	#	39
55) Dibenzofuran	10.15	168	3656228	50.227	ng		98
56) 4-Nitrophenol	10.04	139	1218454	105.004	ng		90
57) 2,4-Dinitrotoluene	10.12	165	941109	54.245	ng	#	84
58) Fluorene	10.49	166	2736941	49.957	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	776322	53.435	ng		96
60) Diethylphthalate	10.36	149	3057851	47.716	ng		99
61) 4-Chlorophenyl-phenylether	10.49	204	1416140	49.732	ng		98
62) 4-Nitroaniline	10.50	138	746906	48.234	ng		96
63) Azobenzene	10.65	77	2897581	47.216	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	379515	57.868	ng		97
66) n-Nitrosodiphenylamine	10.60	169	2557261	52.161	ng		99
67) 4-Bromophenyl-phenylether	10.98	248	860444	51.307	ng		96
68) Hexachlorobenzene	11.05	284	883633	48.357	ng	#	86
69) Atrazine	11.13	200	772584	62.008	ng		98
70) Pentachlorophenol	11.24	266	1095960	110.688	ng		99
71) Phenanthrene	11.46	178	4182855	50.856	ng		99
72) Anthracene	11.52	178	4227367	52.030	ng		99
73) Carbazole	11.66	167	3962054	51.663	ng		99
74) Di-n-butylphthalate	12.00	149	4671964	50.240	ng		99
75) Fluoranthene	12.66	202	4682400	52.388	ng		97
77) Benzidine	12.78	184	2013592	44.747	ng		98
78) Pyrene	12.89	202	4668321	48.654	ng		98
80) Butylbenzylphthalate	13.52	149	2131169	49.850	ng	#	91
81) Benzo(a)anthracene	14.10	228	4128728	48.851	ng		99
82) 3,3'-Dichlorobenzidine	14.06	252	1153387	36.993	ng		98
83) Chrysene	14.13	228	3984487	49.843	ng		97
84) Bis(2-ethylhexyl)phthalate	14.09	149	2779906	49.967	ng		99
85) Di-n-octyl phthalate	14.72	149	4932836	50.315	ng		97
86) Indeno(1,2,3-cd)pyrene	17.19	276	5040011	50.314	ng		98
88) Benzo(b)fluoranthene	15.18	252	4319919	48.362	ng		99
89) Benzo(k)fluoranthene	15.21	252	4158949	50.879	ng		99
90) Benzo(a)pyrene	15.57	252	4205685	52.158	ng		98
91) Dibenzo(a,h)anthracene	17.21	278	4103646	50.891	ng		99
92) Benzo(g,h,i)perylene	17.66	276	4100719	51.380	ng		98

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

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