Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001089.D
Acq On : 27 Nov 2019 16:28
Operator : JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC080

Quant Time: Nov 27 17:41:04 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 15:39:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	200136	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	728573	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	403272	20.00	ng		0.00
64) Phenanthrene-d10	15.63	188	742467	20.00	ng		0.00
76) Chrysene-d12	19.28	240	444400	20.00	ng		0.00
87) Perylene-d12	21.06	264	489169	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	1765914	160.60	ng		0.00
7) Phenol-d6	7.79	99	2392677	172.08	ng		0.02
23) Nitrobenzene-d5	9.23	82	2632177	199.85	ng		0.02
42) 2,4,6-Tribromophenol	14.54	330	576773	119.81	ng		0.02
45) 2-Fluorobiphenyl	12.16	172	3996837	149.27	ng		0.00
79) Terphenyl-d14	17.92	244	3845985	172.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	418929	87.629	ng		99
3) Pyridine	3.40	79	1222542	96.722	ng		99
4) n-Nitrosodimethylamine	3.35	42	530982	120.534	ng		94
6) Aniline	7.82	93	1567346	86.311	ng	#	29
8) 2-Chlorophenol	8.00	128	926106	79.427	ng		99
10) Phenol	7.81	94	1340935	88.171	ng		88
11) bis(2-Chloroethyl)ether	7.95	93	1065763	90.019	ng		99
12) 1,3-Dichlorobenzene	8.24	146	1083548	74.072	ng		99
13) 1,4-Dichlorobenzene	8.36	146	1091018	74.044	ng		99
14) 1,2-Dichlorobenzene	8.60	146	1009064	74.053	ng		99
15) Benzyl Alcohol	8.57	79	987938	93.240	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.80	45	1735143	140.333	ng		98
17) 2-Methylphenol	8.76	107	866386	87.519	ng		97
18) Hexachloroethane	9.14	117	462382	85.433	ng		99
19) n-Nitroso-di-n-propylamine	9.02	70	873594	104.634	ng		99
20) 3+4-Methylphenols	9.02	107	1054089	85.829	ng		93
22) Acetophenone	8.99	105	1662490	88.355	ng	#	99
24) Nitrobenzene	9.26	77	1304648	98.717	ng		99
25) Isophorone	9.65	82	2372797	97.877	ng		99
26) 2-Nitrophenol	9.76	139	504666	102.186	ng		99
27) 2,4-Dimethylphenol	9.86	122	755986	81.743	ng		98
28) bis(2-Chloroethoxy)methane	10.02	93	1455998	91.858	ng		99
29) 2,4-Dichlorophenol	10.15	162	859192	76.970	ng		99
30) 1,2,4-Trichlorobenzene	10.29	180	981112	71.545	ng		100
31) Naphthalene	10.41	128	2800039	76.922	ng		100
32) Benzoic acid	10.09	122	600156	119.882	ng		98
33) 4-Chloroaniline	10.50	127	1237371	79.271	ng		99
34) Hexachlorobutadiene	10.63	225	616900	68.089	ng		99
35) Caprolactam	11.13	113	300559	85.307	ng		99
36) 4-Chloro-3-methylphenol	11.32	107	1031950	89.028	ng		99
37) 2-Methylnaphthalene	11.54	142	1918057	75.283	ng		98
38) 1-Methylnaphthalene	11.70	142	1808722	75.132	ng		100
40) 1,2,4,5-Tetrachlorobenzene	11.82	216	955214	71.136	ng		99
41) Hexachlorocyclopentadiene	11.81	237	481135	71.524	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.00	196	658109	81.286	ng		99
44) 2,4,5-Trichlorophenol	12.06	196	682100	78.799	ng		98
46) 1,1'-Biphenyl	12.32	154	2305978	76.475	ng		99
47) 2-Chloronaphthalene	12.33	162	1855596	76.443	ng		98
48) 2-Nitroaniline	12.50	65	785367	123.606	ng		99
49) Acenaphthylene	13.01	152	2789271	75.584	ng		99
50) Dimethylphthalate	12.85	163	2256728	75.679	ng		100
51) 2,6-Dinitrotoluene	12.92	165	507153	81.533	ng		100
52) Acenaphthene	13.30	154	1694159	76.757	ng		99
53) 3-Nitroaniline	13.19	138	564286	83.174	ng		99
54) 2,4-Dinitrophenol	13.35	184	210173	137.067	ng		91
55) Dibenzofuran	13.58	168	2444248	70.899	ng		97
56) 4-Nitrophenol	13.47	139	413447	87.633	ng		93
57) 2,4-Dinitrotoluene	13.57	165	606762	77.662	ng	#	82
58) Fluorene	14.14	166	1988975	72.493	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.78	232	550860	74.845	ng		99
60) Diethylphthalate	14.00	149	2369168	79.096	ng		100
61) 4-Chlorophenyl-phenylether	14.16	204	1005433	69.307	ng		98
62) 4-Nitroaniline	12.50	138	668568	91.908	ng		96
63) Azobenzene	14.42	77	2553391	97.402	ng		99
65) 4,6-Dinitro-2-methylphenol	14.25	198	269653	128.726	ng		96
66) n-Nitrosodiphenylamine	14.36	169	1719130	80.532	ng		100
67) 4-Bromophenyl-phenylether	14.96	248	615335	70.402	ng		93
68) Hexachlorobenzene	15.04	284	671571	66.303	ng		99
69) Atrazine	15.24	200	457792	58.896	ng		99
70) Pentachlorophenol	15.34	266	387551	85.956	ng		98
71) Phenanthrene	15.67	178	2903916	76.418	ng		99
72) Anthracene	15.75	178	2882439	77.757	ng		98
73) Carbazole	16.00	167	2580691	75.933	ng		99
74) Di-n-butylphthalate	16.55	149	3467833	84.545	ng		99
75) Fluoranthene	17.39	202	2966368	69.063	ng		98
78) Pyrene	17.69	202	2963423	94.358	ng		100
80) Butylbenzylphthalate	18.57	149	1332295	107.135	ng		99
81) Benzo(a)anthracene	19.27	228	2447486	81.773	ng		99
82) 3,3'-Dichlorobenzidine	19.24	252	762580	69.881	ng		99
83) Chrysene	19.32	228	2095311	79.740	ng		100
84) Bis(2-ethylhexyl)phthalate	19.32	149	1648517	104.261	ng		100
85) Di-n-octyl phthalate	20.10	149	2984486	104.849	ng		98
86) Indeno(1,2,3-cd)pyrene	22.72	276	2664955	74.122	ng		99
88) Benzo(b)fluoranthene	20.57	252	2281292	78.237	ng		99
89) Benzo(k)fluoranthene	20.61	252	2206674	80.395	ng		99
90) Benzo(a)pyrene	20.99	252	2157924	80.483	ng		100
91) Dibenzo(a,h)anthracene	22.76	278	2158560	78.879	ng		99
92) Benzo(g,h,i)perylene	23.22	276	2175197	78.941	ng		99

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

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