Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000069.D
Acq On : 04 Sep 2019 16:15
Operator : HP/JU
Sample : K4639-06MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SS-01MSD

Quant Time: Sep 05 05:52:52 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	429251	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1591078	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	841950	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	1474973	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1211442	20.00	ng		0.00
87) Perylene-d12	15.63	264	1344592	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	3557300	132.15	ng		0.00
7) Phenol-d6	6.52	99	4567563	134.41	ng		0.00
23) Nitrobenzene-d5	7.45	82	2511551	96.86	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	1048434	147.73	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	4635942	91.95	ng		0.00
79) Terphenyl-d14	13.04	244	5164668	92.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	405371	32.739	ng		98
3) Pyridine	3.49	79	1013756	30.389	ng		97
4) n-Nitrosodimethylamine	3.42	42	377255	35.022	ng		90
6) Aniline	6.55	93	1632931	33.203	ng		100
8) 2-Chlorophenol	6.68	128	1169698	42.024	ng		97
9) Benzaldehyde	6.44	77	748241	35.706	ng		99
10) Phenol	6.53	94	1623886	43.011	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	1154889	38.722	ng		98
12) 1,3-Dichlorobenzene	6.84	146	1260436	38.823	ng		97
13) 1,4-Dichlorobenzene	6.91	146	1279479	39.577	ng		99
14) 1,2-Dichlorobenzene	7.07	146	1186387	39.940	ng		98
15) Benzyl Alcohol	7.03	79	997405	40.032	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1146960	35.760	ng		97
17) 2-Methylphenol	7.13	107	989875	41.409	ng		99
18) Hexachloroethane	7.41	117	462862	38.602	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	755390	39.058	ng		100
20) 3+4-Methylphenols	7.29	107	1272984	42.698	ng		93
22) Acetophenone	7.30	105	1644669	43.156	ng	#	97
24) Nitrobenzene	7.47	77	1172251	41.730	ng		95
25) Isophorone	7.71	82	2224455	40.601	ng		97
26) 2-Nitrophenol	7.79	139	540725	49.428	ng		97
27) 2,4-Dimethylphenol	7.82	122	1065978	48.289	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	1467405	41.188	ng		99
29) 2,4-Dichlorophenol	8.03	162	1011934	44.580	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	1092971	42.236	ng		98
31) Naphthalene	8.20	128	3247619	44.488	ng		99
32) Benzoic acid	7.91	122	535167	38.184	ng		97
33) 4-Chloroaniline	8.24	127	860893	25.004	ng		96
34) Hexachlorobutadiene	8.32	225	604491	41.457	ng		100
35) Caprolactam	8.59	113	332175	41.149	ng		99
36) 4-Chloro-3-methylphenol	8.72	107	1056657	42.664	ng		94
37) 2-Methylnaphthalene	8.89	142	2312404	45.328	ng		99
38) 1-Methylnaphthalene	8.99	142	2145738	44.640	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1054217	44.237	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1221554	93.094	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	705751	42.943	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	766496	44.576	ng		97
46) 1,1'-Biphenyl	9.36	154	2709770	45.590	ng		99
47) 2-Chloronaphthalene	9.38	162	2088048	42.320	ng		99
48) 2-Nitroaniline	9.47	65	535138	40.154	ng		85
49) Acenaphthylene	9.80	152	3362562	45.929	ng		100
50) Dimethylphthalate	9.66	163	2901010	50.563	ng		100
51) 2,6-Dinitrotoluene	9.71	165	555252	45.594	ng		94
52) Acenaphthene	9.98	154	2165424	47.137	ng		98
53) 3-Nitroaniline	9.88	138	439597	30.216	ng	#	88
54) 2,4-Dinitrophenol	9.99	184	397318	86.272	ng	#	30
55) Dibenzofuran	10.15	168	2964382	45.442	ng		98
56) 4-Nitrophenol	10.03	139	961414	92.455	ng		93
57) 2,4-Dinitrotoluene	10.12	165	728475	46.855	ng		90
58) Fluorene	10.49	166	2247273	45.774	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	613821	47.146	ng		96
60) Diethylphthalate	10.36	149	2426376	42.250	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	1134631	44.464	ng		97
62) 4-Nitroaniline	10.50	138	606372	43.697	ng		94
63) Azobenzene	10.65	77	2307770	41.963	ng		95
65) 4,6-Dinitro-2-methylphenol	10.53	198	288897	50.430	ng		86
66) n-Nitrosodiphenylamine	10.60	169	2040424	46.563	ng		99
67) 4-Bromophenyl-phenylether	10.98	248	679373	45.323	ng		98
68) Hexachlorobenzene	11.05	284	712577	43.629	ng		93
69) Atrazine	11.13	200	625622	55.566	ng		98
70) Pentachlorophenol	11.24	266	860791	97.264	ng		99
71) Phenanthrene	11.46	178	3409144	46.373	ng		99
72) Anthracene	11.51	178	3449047	47.493	ng		100
73) Carbazole	11.66	167	3158274	46.074	ng		99
74) Di-n-butylphthalate	12.00	149	3862635	46.472	ng		100
75) Fluoranthene	12.66	202	3737947	46.790	ng		97
77) Benzidine	12.78	184	2679300	64.102	ng		99
78) Pyrene	12.89	202	3801255	42.652	ng		100
80) Butylbenzylphthalate	13.52	149	1706815	42.983	ng	#	92
81) Benzo(a)anthracene	14.09	228	3279650	41.778	ng		100
82) 3,3'-Dichlorobenzidine	14.05	252	773415	26.706	ng		99
83) Chrysene	14.13	228	3161609	42.579	ng		100
84) Bis(2-ethylhexyl)phthalate	14.09	149	2313214	44.764	ng		99
85) Di-n-octyl phthalate	14.72	149	4075570	44.756	ng		97
86) Indeno(1,2,3-cd)pyrene	17.18	276	3961757	42.580	ng		98
88) Benzo(b)fluoranthene	15.17	252	3550553	43.231	ng		98
89) Benzo(k)fluoranthene	15.21	252	3212257	42.740	ng		99
90) Benzo(a)pyrene	15.56	252	3328605	44.897	ng		98
91) Dibenzo(a,h)anthracene	17.20	278	3254839	43.900	ng		100
92) Benzo(g,h,i)perylene	17.65	276	3255167	44.358	ng		98

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

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