Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115144.D
Acq On : 24 Jun 2019 12:31
Operator : HP/JU
Sample : PB120809BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120809BS

Manual Integrations APPROVED
mohammad
6/28/2019 8:25:04 AM

Quant Time: Jun 25 07:56:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	357022	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1405882	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	700643	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1346270	20.00	ng		0.00
76) Chrysene-d12	13.74	240	887704	20.00	ng		-0.01
87) Perylene-d12	15.10	264	914496	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	2614417	113.00	ng		0.02
7) Phenol-d6	6.27	99	3187089	113.50	ng		0.01
23) Nitrobenzene-d5	7.18	82	2018568	88.32	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	904634	122.44	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	3542988	85.90	ng		0.00
79) Terphenyl-d14	12.70	244	3606638	86.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	370074	33.893	ng		99
3) Pyridine	2.97	79	1007914	32.751	ng		99
4) n-Nitrosodimethylamine	2.92	42	462395	38.327	ng		99
6) Aniline	6.28	93	998764	25.879	ng	#	78
8) 2-Chlorophenol	6.41	128	1056594	40.615	ng		97
9) Benzaldehyde	6.15	77	209802	11.452	ng		99
10) Phenol	6.28	94	1201833	36.537	ng		97
11) bis(2-Chloroethyl)ether	6.36	93	969889	40.001	ng		98
12) 1,3-Dichlorobenzene	6.55	146	1111021	38.481	ng		98
13) 1,4-Dichlorobenzene	6.63	146	1127809	38.955	ng		98
14) 1,2-Dichlorobenzene	6.79	146	1030418	38.433	ng		98
15) Benzyl Alcohol	6.77	79	810707	39.648	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1407603	40.026	ng		99
17) 2-Methylphenol	6.88	107	901415	41.979	ng		98
18) Hexachloroethane	7.13	117	413962	39.661	ng		97
19) n-Nitroso-di-n-propylamine	7.05	70	703985	39.158	ng		99
20) 3+4-Methylphenols	7.04	107	1005748	40.563	ng	#	88
22) Acetophenone	7.02	105	1414754	43.957	ng	#	95
24) Nitrobenzene	7.20	77	1084011	43.054	ng		95
25) Isophorone	7.44	82	2044103	43.661	ng		100
26) 2-Nitrophenol	7.51	139	612758	49.281	ng		98
27) 2,4-Dimethylphenol	7.57	122	999939	49.118	ng		99
28) bis(2-Chloroethoxy)methane	7.66	93	1262003	42.648	ng		98
29) 2,4-Dichlorophenol	7.76	162	935239	44.515	ng		100
30) 1,2,4-Trichlorobenzene	7.84	180	1012351	43.624	ng		99
31) Naphthalene	7.92	128	2923531	42.363	ng		98
32) Benzoic acid	7.71	122	814149	56.025	ng		98
33) 4-Chloroaniline	7.97	127	710619	22.531	ng		99
34) Hexachlorobutadiene	8.04	225	543175	42.712	ng		98
35) Caprolactam	8.35	113	337852m	47.831	ng		
36) 4-Chloro-3-methylphenol	8.46	107	939247	44.144	ng		98
37) 2-Methylnaphthalene	8.61	142	2051565	44.090	ng		98
38) 1-Methylnaphthalene	8.71	142	1930721	43.445	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	840518	42.453	ng		99

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QLast Update : Mon Jun 24 04:21:29 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	931545	79.347	ng		99
43) 2,4,6-Trichlorophenol	8.89	196	685118	44.822	ng		99
44) 2,4,5-Trichlorophenol	8.93	196	716747	45.533	ng		99
46) 1,1'-Biphenyl	9.08	154	2324042	41.455	ng		97
47) 2-Chloronaphthalene	9.10	162	1886726	41.490	ng		96
48) 2-Nitroaniline	9.19	65	575355	43.398	ng		92
49) Acenaphthylene	9.51	152	2897208	40.892	ng		97
50) Dimethylphthalate	9.38	163	2158022	41.864	ng		99
51) 2,6-Dinitrotoluene	9.44	165	535012	44.956	ng		93
52) Acenaphthene	9.68	154	1784381	40.248	ng		99
53) 3-Nitroaniline	9.60	138	394595	27.171	ng		98
54) 2,4-Dinitrophenol	9.71	184	560729	90.504	ng		99
55) Dibenzofuran	9.85	168	2544904	39.994	ng		97
56) 4-Nitrophenol	9.77	139	958108	82.291	ng		95
57) 2,4-Dinitrotoluene	9.84	165	692110	45.041	ng		93
58) Fluorene	10.19	166	1730584	40.136	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	611961	46.363	ng		98
60) Diethylphthalate	10.08	149	2150121	41.495	ng		98
61) 4-Chlorophenyl-phenylether	10.18	204	840854	41.189	ng		96
62) 4-Nitroaniline	10.21	138	599149	41.124	ng		98
63) Azobenzene	10.35	77	1973843	40.784	ng		98
65) 4,6-Dinitro-2-methylphenol	10.24	198	340143	47.537	ng		92
66) n-Nitrosodiphenylamine	10.31	169	1796737	42.838	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	625753	42.871	ng		96
68) Hexachlorobenzene	10.74	284	682992	43.109	ng		97
69) Atrazine	10.84	200	585759	43.415	ng		99
70) Pentachlorophenol	10.92	266	821248	81.365	ng		98
71) Phenanthrene	11.14	178	2859945	39.456	ng		98
72) Anthracene	11.20	178	2881827	39.386	ng		97
73) Carbazole	11.35	167	2673928	40.925	ng		98
74) Di-n-butylphthalate	11.70	149	3059279	40.520	ng		97
75) Fluoranthene	12.32	202	2959984	40.928	ng		99
77) Benzidine	12.44	184	959872	24.351	ng		99
78) Pyrene	12.55	202	2997524	43.939	ng		98
80) Butylbenzylphthalate	13.18	149	1457886	48.424	ng		98
81) Benzo(a)anthracene	13.72	228	2768902	43.471	ng		98
82) 3,3'-Dichlorobenzidine	13.69	252	896725	38.985	ng		97
83) Chrysene	13.77	228	2606414	44.671	ng		97
84) Bis(2-ethylhexyl)phthalate	13.75	149	1836748	46.560	ng	#	98
85) Di-n-octyl phthalate	14.35	149	3152063	47.556	ng		100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2740249	39.690	ng		99
88) Benzo(b)fluoranthene	14.74	252	3110382	54.509	ng		99
89) Benzo(k)fluoranthene	14.76	252	2278128	44.519	ng		99
90) Benzo(a)pyrene	15.05	252	2605843	50.667	ng		99
91) Dibenzo(a,h)anthracene	16.40	278	2254118	46.947	ng		100
92) Benzo(g,h,i)perylene	16.77	276	2282770	46.975	ng		99

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

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