Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF119984.D
Acq On : 15 Apr 2020 10:58
Operator : MA/SJ
Sample : PB128214BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128214BS

Manual Integrations APPROVED
mohammad
4/16/2020 12:52:30 PM

Quant Time: Apr 15 11:37:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	179816	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	701921	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	370932	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	704615	20.00	ng		0.00
76) Chrysene-d12	13.90	240	498988	20.00	ng		0.00
87) Perylene-d12	15.32	264	435413	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1309688	125.87	ng		0.01
7) Phenol-d6	6.37	99	1676210	125.02	ng		0.00
23) Nitrobenzene-d5	7.29	82	1040410	76.68	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	460755	101.46	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	2052888	78.58	ng		0.00
79) Terphenyl-d14	12.84	244	2260953	76.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	180917	39.038	ng		96
3) Pyridine	3.13	79	497697	39.142	ng		97
4) n-Nitrosodimethylamine	3.09	42	267578	41.188	ng		91
6) Aniline	6.39	93	635131	36.093	ng		92
8) 2-Chlorophenol	6.51	128	553459	47.607	ng		99
9) Benzaldehyde	6.27	77	246246	31.035	ng		96
10) Phenol	6.38	94	682391	44.863	ng		94
11) bis(2-Chloroethyl)ether	6.46	93	516253	43.958	ng		99
12) 1,3-Dichlorobenzene	6.67	146	544643	42.792	ng		98
13) 1,4-Dichlorobenzene	6.75	146	552688	42.628	ng		98
14) 1,2-Dichlorobenzene	6.90	146	520987	43.602	ng		98
15) Benzyl Alcohol	6.87	79	441563	42.403	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	913294	39.963	ng		98
17) 2-Methylphenol	6.99	107	436008	42.025	ng		99
18) Hexachloroethane	7.24	117	208694	43.070	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	373968	43.376	ng		96
20) 3+4-Methylphenols	7.14	107	541791	42.698	ng		93
22) Acetophenone	7.14	105	708763	43.121	ng	#	98
24) Nitrobenzene	7.31	77	563894	41.314	ng		99
25) Isophorone	7.56	82	1048116	40.073	ng		99
26) 2-Nitrophenol	7.63	139	296117	43.425	ng		96
27) 2,4-Dimethylphenol	7.67	122	460492	44.776	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	671218	43.612	ng		99
29) 2,4-Dichlorophenol	7.87	162	454128	43.079	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	488430	40.891	ng		100
31) Naphthalene	8.03	128	1556103	42.136	ng		100
32) Benzoic acid	7.80	122	368005	40.744	ng		96
33) 4-Chloroaniline	8.08	127	412549	25.661	ng		98
34) Hexachlorobutadiene	8.15	225	278105	38.895	ng		98
35) Caprolactam	8.46	113	141806m	43.976	ng		
36) 4-Chloro-3-methylphenol	8.57	107	495279	43.396	ng		95
37) 2-Methylnaphthalene	8.73	142	1051087	41.981	ng		98
38) 1-Methylnaphthalene	8.83	142	1007480	42.692	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	464893	39.681	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	578208	86.793	ng		98
43) 2,4,6-Trichlorophenol	9.00	196	339288	41.938	ng		100
44) 2,4,5-Trichlorophenol	9.05	196	358075	39.297	ng		98
46) 1,1'-Biphenyl	9.19	154	1290756	41.227	ng		99
47) 2-Chloronaphthalene	9.22	162	1002651	41.572	ng		99
48) 2-Nitroaniline	9.32	65	349691	40.009	ng		93
49) Acenaphthylene	9.63	152	1552100	42.315	ng		99
50) Dimethylphthalate	9.50	163	1180455	41.144	ng		100
51) 2,6-Dinitrotoluene	9.56	165	264541	42.105	ng		95
52) Acenaphthene	9.80	154	940066	38.420	ng		99
53) 3-Nitroaniline	9.73	138	187236	26.093	ng		92
54) 2,4-Dinitrophenol	9.83	184	312779	83.152	ng	#	91
55) Dibenzofuran	9.97	168	1421103	42.325	ng		99
56) 4-Nitrophenol	9.90	139	432890	81.080	ng		95
57) 2,4-Dinitrotoluene	9.96	165	344574	41.627	ng		96
58) Fluorene	10.32	166	1086531	40.463	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	304633	43.713	ng		98
60) Diethylphthalate	10.20	149	1221344	41.072	ng		99
61) 4-Chlorophenyl-phenylether	10.31	204	523512	38.038	ng		95
62) 4-Nitroaniline	10.35	138	279526	40.876	ng		97
63) Azobenzene	10.47	77	1148234	43.087	ng		97
65) 4,6-Dinitro-2-methylphenol	10.37	198	203406	43.818	ng		97
66) n-Nitrosodiphenylamine	10.43	169	995701	42.490	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	331712	37.855	ng		95
68) Hexachlorobenzene	10.87	284	355352	39.975	ng		97
69) Atrazine	10.96	200	308791	47.361	ng		98
70) Pentachlorophenol	11.06	266	391352	76.395	ng		99
71) Phenanthrene	11.28	178	1588818	42.368	ng		97
72) Anthracene	11.33	178	1616644	42.200	ng		100
73) Carbazole	11.49	167	1495944	41.293	ng		99
74) Di-n-butylphthalate	11.82	149	1931963	40.566	ng		99
75) Fluoranthene	12.47	202	1712884	42.333	ng		98
77) Benzidine	12.59	184	895263	53.077	ng		96
78) Pyrene	12.70	202	1729111	41.105	ng		99
80) Butylbenzylphthalate	13.32	149	797042	39.048	ng		99
81) Benzo(a)anthracene	13.89	228	1364543	41.568	ng		99
82) 3,3'-Dichlorobenzidine	13.85	252	338099	27.604	ng		98
83) Chrysene	13.92	228	1410887	42.299	ng		99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1046363	37.855	ng		98
85) Di-n-octyl phthalate	14.50	149	1828795	38.857	ng		97
86) Indeno(1,2,3-cd)pyrene	16.70	276	1126918	38.328	ng		97
88) Benzo(b)fluoranthene	14.91	252	1362280	43.492	ng	#	98
89) Benzo(k)fluoranthene	14.94	252	1129985m	41.812	ng		
90) Benzo(a)pyrene	15.26	252	1107872	42.067	ng	#	97
91) Dibenzo(a,h)anthracene	16.72	278	946542	40.575	ng		98
92) Benzo(g,h,i)perylene	17.12	276	904433	39.277	ng		98

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

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