Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118456.D
Acq On : 3 Jan 2020 12:45
Operator : JU
Sample : PB125821BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Manual Integrations APPROVED
mohammad
1/6/2020 11:43:48 AM

Quant Time: Jan 04 00:18:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	70418	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	275502	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	135620	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	268417	20.00	ng		0.00
76) Chrysene-d12	14.05	240	236356	20.00	ng		0.00
87) Perylene-d12	15.53	264	181674	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	482964	117.07	ng		0.01
7) Phenol-d6	6.49	99	610200	119.24	ng		0.00
23) Nitrobenzene-d5	7.42	82	389022	80.76	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	204705	122.23	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	797956	89.81	ng		0.00
79) Terphenyl-d14	12.98	244	989882	69.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	51548	31.433	ng	#	92
3) Pyridine	3.43	79	138810	31.770	ng	#	95
4) n-Nitrosodimethylamine	3.38	42	80688	44.666	ng	#	72
6) Aniline	6.51	93	166481	25.619	ng	#	41
8) 2-Chlorophenol	6.64	128	179187	38.352	ng		97
9) Benzaldehyde	6.40	77	37020	12.339	ng		90
10) Phenol	6.50	94	214450	37.283	ng		79
11) bis(2-Chloroethyl)ether	6.59	93	152029	36.958	ng		99
12) 1,3-Dichlorobenzene	6.79	146	192741	35.820	ng		96
13) 1,4-Dichlorobenzene	6.86	146	200553	36.694	ng		98
14) 1,2-Dichlorobenzene	7.02	146	189462	36.717	ng		98
15) Benzyl Alcohol	7.00	79	160439	41.176	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	159695	36.381	ng		66
17) 2-Methylphenol	7.11	107	140365	37.457	ng	#	93
18) Hexachloroethane	7.36	117	73917	36.850	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	123126	39.056	ng		90
20) 3+4-Methylphenols	7.26	107	189230	39.455	ng		90
22) Acetophenone	7.26	105	260073	38.516	ng	#	90
24) Nitrobenzene	7.43	77	190993	39.582	ng		94
25) Isophorone	7.67	82	322006	38.358	ng		98
26) 2-Nitrophenol	7.75	139	97654	38.209	ng	#	86
27) 2,4-Dimethylphenol	7.79	122	150508	43.162	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	194778	35.477	ng		99
29) 2,4-Dichlorophenol	8.00	162	150143	37.409	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	168710	36.085	ng		98
31) Naphthalene	8.16	128	531166	37.933	ng		99
32) Benzoic acid	7.94	122	89022	32.333	ng		95
33) 4-Chloroaniline	8.21	127	103956	17.318	ng		99
34) Hexachlorobutadiene	8.27	225	100699	36.182	ng		99
35) Caprolactam	8.59	113	44359m	35.401	ng		
36) 4-Chloro-3-methylphenol	8.70	107	166430	38.622	ng		93
37) 2-Methylnaphthalene	8.85	142	370145	38.608	ng		98
38) 1-Methylnaphthalene	8.95	142	351551	38.921	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	163772	40.191	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	97270	59.321	ng		97
43) 2,4,6-Trichlorophenol	9.14	196	103932	38.179	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	110354	39.407	ng		97
46) 1,1'-Biphenyl	9.32	154	444551	41.443	ng		99
47) 2-Chloronaphthalene	9.35	162	346376	40.121	ng		98
48) 2-Nitroaniline	9.45	65	98991	40.595	ng		94
49) Acenaphthylene	9.76	152	545219	42.582	ng		99
50) Dimethylphthalate	9.62	163	407797	40.058	ng		100
51) 2,6-Dinitrotoluene	9.69	165	89792	40.912	ng		91
52) Acenaphthene	9.93	154	315828	40.496	ng		99
53) 3-Nitroaniline	9.86	138	63404	24.613	ng		93
54) 2,4-Dinitrophenol	9.98	184	73441	67.249	ng		93
55) Dibenzofuran	10.10	168	489377	42.467	ng		95
56) 4-Nitrophenol	10.04	139	94182	59.224	ng		94
57) 2,4-Dinitrotoluene	10.10	165	125355	42.744	ng	#	74
58) Fluorene	10.45	166	390862	42.016	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	99390	41.771	ng		98
60) Diethylphthalate	10.32	149	430612	42.757	ng		97
61) 4-Chlorophenyl-phenylether	10.44	204	194005	41.776	ng		96
62) 4-Nitroaniline	10.48	138	82924	30.987	ng		87
63) Azobenzene	10.60	77	381850	44.264	ng		91
65) 4,6-Dinitro-2-methylphenol	10.52	198	56594	39.084	ng		91
66) n-Nitrosodiphenylamine	10.56	169	341124	39.653	ng		98
67) 4-Bromophenyl-phenylether	10.93	248	117967	37.554	ng		91
68) Hexachlorobenzene	11.00	284	136849	37.011	ng		99
69) Atrazine	11.09	200	103015	38.799	ng		98
70) Pentachlorophenol	11.20	266	166690	104.095	ng		99
71) Phenanthrene	11.42	178	581026	39.707	ng		99
72) Anthracene	11.47	178	598261	40.847	ng		98
73) Carbazole	11.63	167	501776	38.609	ng		99
74) Di-n-butylphthalate	11.95	149	697832	42.347	ng		99
75) Fluoranthene	12.62	202	598511	40.529	ng		100
77) Benzidine	12.73	184	124906	19.287	ng		98
78) Pyrene	12.85	202	613790	31.801	ng		100
80) Butylbenzylphthalate	13.45	149	327873	37.728	ng		94
81) Benzo(a)anthracene	14.04	228	570866	34.506	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	125829	22.432	ng		97
83) Chrysene	14.07	228	541359	34.174	ng		100
84) Bis(2-ethylhexyl)phthalate	14.01	149	460950	40.337	ng		99
85) Di-n-octyl phthalate	14.62	149	757779	45.081	ng		99
86) Indeno(1,2,3-cd)pyrene	17.05	276	432233	32.022	ng		99
88) Benzo(b)fluoranthene	15.10	252	462359	38.340	ng		99
89) Benzo(k)fluoranthene	15.13	252	492715	42.552	ng		98
90) Benzo(a)pyrene	15.47	252	443201	41.719	ng		98
91) Dibenzo(a,h)anthracene	17.06	278	364205	39.506	ng		98
92) Benzo(g,h,i)perylene	17.50	276	358850	40.296	ng		99

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

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