Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119566.D
Acq On : 27 Mar 2020 14:02
Operator : CG/JU
Sample : PB127867BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127867BS

Manual Integrations APPROVED
mohammad
3/30/2020 8:51:08 AM

Quant Time: Mar 27 14:32:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	249816	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	968089	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	527237	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1033374	20.00	ng		0.00
76) Chrysene-d12	14.01	240	726862	20.00	ng		0.00
87) Perylene-d12	15.47	264	644037	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1251635	79.76	ng		0.01
7) Phenol-d6	6.46	99	1614371	80.53	ng		0.00
23) Nitrobenzene-d5	7.40	82	1429529	80.25	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	502692	92.42	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2764909	77.69	ng		0.00
79) Terphenyl-d14	12.96	244	3222653	86.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	239242	30.868	ng		99
3) Pyridine	3.39	79	603647	28.271	ng		97
4) n-Nitrosodimethylamine	3.35	42	366040	35.153	ng		98
6) Aniline	6.49	93	809595	29.262	ng		98
8) 2-Chlorophenol	6.62	128	726318	44.067	ng		99
9) Benzaldehyde	6.38	77	477827	37.574	ng		97
10) Phenol	6.47	94	934183	43.674	ng		95
11) bis(2-Chloroethyl)ether	6.57	93	678541	39.663	ng		99
12) 1,3-Dichlorobenzene	6.77	146	721927	40.470	ng		98
13) 1,4-Dichlorobenzene	6.85	146	734646	41.173	ng		98
14) 1,2-Dichlorobenzene	7.00	146	691873	41.484	ng		99
15) Benzyl Alcohol	6.97	79	634199	42.057	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1308926	37.932	ng		100
17) 2-Methylphenol	7.09	107	593242	39.284	ng		98
18) Hexachloroethane	7.35	117	275007	42.057	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	501685	41.520	ng		99
20) 3+4-Methylphenols	7.24	107	741364	40.058	ng	#	83
22) Acetophenone	7.25	105	953468	41.218	ng		96
24) Nitrobenzene	7.42	77	749080	39.350	ng		99
25) Isophorone	7.66	82	1423299	39.390	ng		98
26) 2-Nitrophenol	7.73	139	392899	52.419	ng		91
27) 2,4-Dimethylphenol	7.77	122	676144	43.626	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	888447	41.580	ng		99
29) 2,4-Dichlorophenol	7.97	162	616079	43.262	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	643428	40.856	ng		98
31) Naphthalene	8.14	128	2045946	41.068	ng		99
32) Benzoic acid	7.89	122	490304	49.180	ng		95
33) 4-Chloroaniline	8.19	127	450848	19.750	ng		99
34) Hexachlorobutadiene	8.26	225	370124	42.004	ng		98
35) Caprolactam	8.56	113	196536m	42.170	ng		
36) 4-Chloro-3-methylphenol	8.67	107	672684	43.219	ng		97
37) 2-Methylnaphthalene	8.83	142	1425867	43.610	ng		99
38) 1-Methylnaphthalene	8.93	142	1336729	43.194	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	611294	39.556	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	762320	86.769	ng		99
43) 2,4,6-Trichlorophenol	9.11	196	474731	42.927	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	483470	39.025	ng		98
46) 1,1'-Biphenyl	9.30	154	1721516	40.090	ng		98
47) 2-Chloronaphthalene	9.33	162	1324137	39.367	ng		98
48) 2-Nitroaniline	9.42	65	495914	42.715	ng		100
49) Acenaphthylene	9.75	152	2138093	40.478	ng		98
50) Dimethylphthalate	9.60	163	1589439	42.442	ng		100
51) 2,6-Dinitrotoluene	9.66	165	357326	44.515	ng		96
52) Acenaphthene	9.92	154	1430044	43.428	ng		98
53) 3-Nitroaniline	9.83	138	250798	24.748	ng		99
54) 2,4-Dinitrophenol	9.93	184	306847	87.584	ng	#	85
55) Dibenzofuran	10.09	168	1934019	40.965	ng		100
56) 4-Nitrophenol	9.99	139	610714	76.392	ng		98
57) 2,4-Dinitrotoluene	10.07	165	476504	47.122	ng		91
58) Fluorene	10.43	166	1468057	42.049	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	408894	44.155	ng		98
60) Diethylphthalate	10.30	149	1661172	43.704	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	722960	42.345	ng		99
62) 4-Nitroaniline	10.45	138	377362	38.831	ng		97
63) Azobenzene	10.58	77	1553756	40.594	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	219127	50.569	ng		93
66) n-Nitrosodiphenylamine	10.54	169	1357731	40.023	ng		97
67) 4-Bromophenyl-phenylether	10.92	248	472917	40.184	ng		93
68) Hexachlorobenzene	10.98	284	509178	42.272	ng	#	92
69) Atrazine	11.07	200	421810	45.355	ng		100
70) Pentachlorophenol	11.17	266	549851	77.853	ng		99
71) Phenanthrene	11.39	178	2137808	39.897	ng		100
72) Anthracene	11.45	178	2222062	40.803	ng		99
73) Carbazole	11.60	167	2039354	37.833	ng		100
74) Di-n-butylphthalate	11.93	149	2551177	44.243	ng		99
75) Fluoranthene	12.58	202	2323796	40.073	ng		100
77) Benzidine	12.70	184	1155831	37.575	ng		98
78) Pyrene	12.81	202	2355819	39.492	ng		99
80) Butylbenzylphthalate	13.43	149	1093713	45.332	ng		99
81) Benzo(a)anthracene	14.00	228	1872860	39.623	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	453309	24.323	ng		99
83) Chrysene	14.04	228	1860253	38.135	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1449684	50.404	ng	#	99
85) Di-n-octyl phthalate	14.61	149	2516326	49.747	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1649257	35.898	ng		100
88) Benzo(b)fluoranthene	15.05	252	1818476	42.269	ng		98
89) Benzo(k)fluoranthene	15.08	252	1659084	40.500	ng		99
90) Benzo(a)pyrene	15.42	252	1531942	39.183	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	1373582	40.167	ng		99
92) Benzo(g,h,i)perylene	17.39	276	1384579	40.302	ng		99

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

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