Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
Data File : BF121477.D
Acq On : 31 Aug 2020 14:47
Operator : JU/CG
Sample : PB131291BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131291BS

Manual Integrations APPROVED
mohammad
9/2/2020 1:55:36 PM

Quant Time: Sep 01 09:30:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	302841	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1154755	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	603663	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1153508	20.00	ng		0.00
76) Chrysene-d12	14.03	240	959558	20.00	ng		0.00
86) Perylene-d12	15.49	264	938407	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1833143	101.56	ng		0.01
7) Phenol-d6	6.49	99	2446423	96.98	ng		0.00
23) Nitrobenzene-d5	7.43	82	1944014	115.09	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	706923	115.94	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3372540	90.14	ng		0.00
79) Terphenyl-d14	12.97	244	3036972	66.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	332696	38.649	ng		98
3) Pyridine	3.48	79	752874	32.117	ng		97
4) n-Nitrosodimethylamine	3.43	42	383385	36.999	ng		93
6) Aniline	6.52	93	938489	31.357	ng		99
8) 2-Chlorophenol	6.65	128	774356	42.269	ng		100
9) Benzaldehyde	6.41	77	472880	36.822	ng		99
10) Phenol	6.50	94	1005615	40.753	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	755005	37.659	ng		98
12) 1,3-Dichlorobenzene	6.80	146	818926	37.126	ng		98
13) 1,4-Dichlorobenzene	6.88	146	831661	37.622	ng		99
14) 1,2-Dichlorobenzene	7.03	146	768743	37.348	ng		100
15) Benzyl Alcohol	7.00	79	666404	40.250	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1059175	35.662	ng		99
17) 2-Methylphenol	7.11	107	635015	39.839	ng		100
18) Hexachloroethane	7.37	117	300428	39.711	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	538944	38.232	ng		100
20) 3+4-Methylphenols	7.26	107	770715	39.957	ng		90
22) Acetophenone	7.27	105	1029386	36.168	ng	#	92
24) Nitrobenzene	7.45	77	805038	47.548	ng		94
25) Isophorone	7.69	82	1451942	38.218	ng		99
26) 2-Nitrophenol	7.76	139	384118	52.263	ng		96
27) 2,4-Dimethylphenol	7.80	122	714202	45.326	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	928912	35.957	ng		100
29) 2,4-Dichlorophenol	8.00	162	641243	41.216	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	688739	36.137	ng		99
31) Naphthalene	8.17	128	2168186	37.820	ng		99
32) Benzoic acid	7.92	122	467493	47.699	ng		99
33) 4-Chloroaniline	8.21	127	594708	23.291	ng		99
34) Hexachlorobutadiene	8.29	225	402644	35.525	ng		100
35) Caprolactam	8.59	113	203679m	40.139	ng		
36) 4-Chloro-3-methylphenol	8.69	107	651243	39.701	ng		99
37) 2-Methylnaphthalene	8.86	142	1472372	38.764	ng		99
38) 1-Methylnaphthalene	8.96	142	1392728	38.832	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	659747	36.869	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	742363	98.652	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	466360	41.233	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	474902	42.462	ng		96
46) 1,1'-Biphenyl	9.32	154	1771781	38.895	ng		99
47) 2-Chloronaphthalene	9.35	162	1350059	36.057	ng		98
48) 2-Nitroaniline	9.44	65	419607	41.046	ng		96
49) Acenaphthylene	9.76	152	2165904	38.566	ng		99
50) Dimethylphthalate	9.62	163	1525213	36.782	ng		100
51) 2,6-Dinitrotoluene	9.68	165	341548	44.490	ng		96
52) Acenaphthene	9.93	154	1434310	40.446	ng		100
53) 3-Nitroaniline	9.85	138	258458	28.590	ng	#	95
54) 2,4-Dinitrophenol	9.96	184	288668	80.040	ng		86
55) Dibenzofuran	10.11	168	1917162	37.217	ng		99
56) 4-Nitrophenol	10.01	139	630467	78.870	ng		94
57) 2,4-Dinitrotoluene	10.09	165	447059	46.922	ng		92
58) Fluorene	10.45	166	1438959	37.055	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	417572	44.845	ng		99
60) Diethylphthalate	10.32	149	1529017	36.702	ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	707488	36.362	ng		100
62) 4-Nitroaniline	10.47	138	374841	38.033	ng		93
63) Azobenzene	10.60	77	1520863	36.916	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	187622	52.889	ng		95
66) n-Nitrosodiphenylamine	10.56	169	1327590	36.389	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	450362	35.491	ng		98
68) Hexachlorobenzene	11.00	284	521356	35.134	ng		98
69) Atrazine	11.09	200	378178	35.743	ng		99
70) Pentachlorophenol	11.19	266	629780	92.899	ng		99
71) Phenanthrene	11.41	178	2132459	36.024	ng		100
72) Anthracene	11.46	178	2200437	37.794	ng		99
73) Carbazole	11.62	167	2053673	36.580	ng		100
74) Di-n-butylphthalate	11.95	149	2278910	36.539	ng		99
75) Fluoranthene	12.60	202	2349803	36.832	ng		100
77) Benzidine	12.72	184	1075796	51.406	ng		99
78) Pyrene	12.83	202	2427448	35.422	ng		100
80) Butylbenzylphthalate	13.45	149	1025770	38.853	ng		99
81) Benzo(a)anthracene	14.02	228	2057167	35.119	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	702656	32.750	ng		99
83) Chrysene	14.06	228	2067138	35.273	ng		100
84) Bis(2-ethylhexyl)phthalate	14.01	149	1301592	38.172	ng		100
85) Di-n-octyl phthalate	14.62	149	2345683	40.592	ng		99
87) Indeno(1,2,3-cd)pyrene	16.96	276	2171323	37.606	ng		100
88) Benzo(b)fluoranthene	15.07	252	2221677	36.395	ng		99
89) Benzo(k)fluoranthene	15.10	252	2140909	37.707	ng		100
90) Benzo(a)pyrene	15.43	252	1979094	36.056	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	1814657	38.395	ng		99
92) Benzo(g,h,i)perylene	17.41	276	1748685	38.408	ng		99

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

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