Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121457.D
Acq On : 28 Aug 2020 13:43
Operator : JU/CG
Sample : PB131261BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131261BS

Manual Integrations APPROVED
mohammad
8/31/2020 10:27:17 AM

Quant Time: Aug 31 08:46:50 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	310662	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1221442	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	650401	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1250135	20.00	ng		0.00
76) Chrysene-d12	14.03	240	982611	20.00	ng		0.00
86) Perylene-d12	15.49	264	929561	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1883578	101.72	ng		0.01
7) Phenol-d6	6.49	99	2508165	96.93	ng		0.00
23) Nitrobenzene-d5	7.43	82	1997066	111.78	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	740624	112.74	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3633287	90.14	ng		0.00
79) Terphenyl-d14	12.97	244	3224237	69.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	328283	37.176	ng		100
3) Pyridine	3.48	79	751502	31.251	ng		99
4) n-Nitrosodimethylamine	3.44	42	402985	37.912	ng		95
6) Aniline	6.52	93	940699	30.639	ng		100
8) 2-Chlorophenol	6.65	128	800210	42.580	ng		99
9) Benzaldehyde	6.41	77	486767	37.021	ng		99
10) Phenol	6.50	94	1045558	41.305	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	781001	37.975	ng		97
12) 1,3-Dichlorobenzene	6.80	146	838065	37.037	ng		98
13) 1,4-Dichlorobenzene	6.87	146	856953	37.790	ng		98
14) 1,2-Dichlorobenzene	7.03	146	791642	37.492	ng		98
15) Benzyl Alcohol	7.00	79	698468	41.125	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1140616	37.437	ng		99
17) 2-Methylphenol	7.11	107	657060	40.184	ng		100
18) Hexachloroethane	7.37	117	310777	40.044	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	579221	40.055	ng		99
20) 3+4-Methylphenols	7.26	107	812736	41.074	ng		92
22) Acetophenone	7.27	105	1091438	36.254	ng	#	95
24) Nitrobenzene	7.44	77	839478	46.875	ng		99
25) Isophorone	7.69	82	1579551	39.307	ng		99
26) 2-Nitrophenol	7.76	139	365098	48.608	ng		97
27) 2,4-Dimethylphenol	7.79	122	767804	46.067	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	1006808	36.844	ng		100
29) 2,4-Dichlorophenol	8.00	162	670332	40.733	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	719137	35.672	ng		98
31) Naphthalene	8.17	128	2285212	37.685	ng		99
32) Benzoic acid	7.92	122	452292	45.029	ng		97
33) 4-Chloroaniline	8.21	127	641191	23.740	ng		100
34) Hexachlorobutadiene	8.29	225	418661	34.921	ng		99
35) Caprolactam	8.58	113	209937m	39.114	ng		
36) 4-Chloro-3-methylphenol	8.69	107	699292	40.303	ng		97
37) 2-Methylnaphthalene	8.86	142	1579250	39.308	ng		98
38) 1-Methylnaphthalene	8.96	142	1488728	39.242	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	701591	36.390	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	832445	102.674	ng		100
43) 2,4,6-Trichlorophenol	9.13	196	497782	40.849	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	492404	40.863	ng		99
46) 1,1'-Biphenyl	9.32	154	1885173	38.411	ng		99
47) 2-Chloronaphthalene	9.35	162	1439925	35.694	ng		98
48) 2-Nitroaniline	9.44	65	440431	40.159	ng		97
49) Acenaphthylene	9.76	152	2334445	38.580	ng		99
50) Dimethylphthalate	9.63	163	1667567	37.325	ng		99
51) 2,6-Dinitrotoluene	9.68	165	359685	43.631	ng		95
52) Acenaphthene	9.93	154	1516503	39.690	ng		99
53) 3-Nitroaniline	9.85	138	265454	27.509	ng	#	96
54) 2,4-Dinitrophenol	9.96	184	271596	74.494	ng	#	82
55) Dibenzofuran	10.11	168	2095566	37.757	ng		99
56) 4-Nitrophenol	10.01	139	643900	75.171	ng		92
57) 2,4-Dinitrotoluene	10.09	165	459893	45.129	ng		96
58) Fluorene	10.45	166	1534107	36.666	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	438222	43.680	ng		99
60) Diethylphthalate	10.33	149	1704122	37.966	ng		100
61) 4-Chlorophenyl-phenylether	10.44	204	777358	37.082	ng		99
62) 4-Nitroaniline	10.47	138	393263	37.154	ng		96
63) Azobenzene	10.60	77	1684366	37.947	ng		100
65) 4,6-Dinitro-2-methylphenol	10.49	198	182399	49.620	ng		92
66) n-Nitrosodiphenylamine	10.56	169	1455533	36.813	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	496218	36.082	ng		99
68) Hexachlorobenzene	11.00	284	564273	35.087	ng		97
69) Atrazine	11.09	200	420902	36.706	ng		100
70) Pentachlorophenol	11.19	266	660477	89.897	ng		97
71) Phenanthrene	11.41	178	2282722	35.582	ng		100
72) Anthracene	11.46	178	2352011	37.275	ng		100
73) Carbazole	11.62	167	2181900	35.860	ng		100
74) Di-n-butylphthalate	11.95	149	2580607	38.178	ng		100
75) Fluoranthene	12.60	202	2499843	36.155	ng		100
77) Benzidine	12.72	184	1380960	64.440	ng		98
78) Pyrene	12.83	202	2554907	36.407	ng		100
80) Butylbenzylphthalate	13.45	149	1110742	41.085	ng		99
81) Benzo(a)anthracene	14.02	228	2118334	35.315	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	596303	27.141	ng		98
83) Chrysene	14.06	228	2138147	35.629	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1412680	40.458	ng		99
85) Di-n-octyl phthalate	14.63	149	2529744	42.750	ng		100
87) Indeno(1,2,3-cd)pyrene	16.96	276	2091257	36.564	ng		99
88) Benzo(b)fluoranthene	15.06	252	2263012	37.425	ng		99
89) Benzo(k)fluoranthene	15.10	252	2064328	36.704	ng		99
90) Benzo(a)pyrene	15.43	252	1969882	36.229	ng		100
91) Dibenzo(a,h)anthracene	16.98	278	1752198	37.426	ng		98
92) Benzo(g,h,i)perylene	17.40	276	1685960	37.383	ng		98

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

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