Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
Data File : BF121530.D
Acq On : 8 Sep 2020 19:29
Operator : JU/CG
Sample : L3864-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Manual Integrations APPROVED
Sohil
9/9/2020 3:49:29 PM

Quant Time: Sep 09 06:57:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 17:52:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	345644	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1315273	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	696561	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1310301	20.00	ng	0.00
76) Chrysene-d12	14.00	240	1024600	20.00	ng	-0.01
86) Perylene-d12	15.46	264	980363	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1919478	93.17	ng	0.01
7) Phenol-d6	6.47	99	2416924	83.95	ng	0.00
23) Nitrobenzene-d5	7.41	82	1752785	91.11	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	972656	138.25	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3103220	71.88	ng	0.00
79) Terphenyl-d14	12.95	244	3646827	74.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.79	88	351586	35.785	ng	99
3) Pyridine	3.50	79	919576	34.370	ng	99
4) n-Nitrosodimethylamine	3.43	42	447679	37.854	ng	98
6) Aniline	6.51	93	575717	16.854	ng	98
8) 2-Chlorophenol	6.63	128	943699	45.134	ng	99
9) Benzaldehyde	6.39	77	450650	28.294	ng	95
10) Phenol	6.49	94	1069863	37.987	ng	93
11) bis(2-Chloroethyl)ether	6.58	93	944024	41.256	ng	99
12) 1,3-Dichlorobenzene	6.79	146	962947	38.249	ng	98
13) 1,4-Dichlorobenzene	6.86	146	964551	38.230	ng	98
14) 1,2-Dichlorobenzene	7.02	146	931647	39.657	ng	99
15) Benzyl Alcohol	6.99	79	812083	42.975	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1267346	37.386	ng	98
17) 2-Methylphenol	7.10	107	760156	41.784	ng	99
18) Hexachloroethane	7.36	117	350844	40.632	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	662098	41.152	ng	99
20) 3+4-Methylphenols	7.25	107	898914	40.832	ng	92
22) Acetophenone	7.26	105	1233930	38.063	ng	96
24) Nitrobenzene	7.43	77	990794	51.377	ng	99
25) Isophorone	7.67	82	1881282	43.475	ng	99
26) 2-Nitrophenol	7.74	139	503088	57.414	ng	100
27) 2,4-Dimethylphenol	7.78	122	826132	46.031	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	1195407	40.625	ng	99
29) 2,4-Dichlorophenol	7.98	162	818232	46.174	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	855275	39.398	ng	98
31) Naphthalene	8.15	128	2635517	40.361	ng	99
32) Benzoic acid	7.91	122	525793	47.312	ng	95
33) 4-Chloroaniline	8.19	127	314743	10.822	ng	99
34) Hexachlorobutadiene	8.26	225	496433	38.454	ng	100
35) Caprolactam	8.57	113	246124m	42.584	ng	
36) 4-Chloro-3-methylphenol	8.68	107	880781	47.141	ng	98
37) 2-Methylnaphthalene	8.84	142	1852513	42.820	ng	99
38) 1-Methylnaphthalene	8.94	142	1720353	42.112	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	854419	41.380	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	825454	95.065	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	638005	48.886	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	656432	50.865	ng		96
46) 1,1'-Biphenyl	9.30	154	2256013	42.920	ng		99
47) 2-Chloronaphthalene	9.33	162	1724825	39.923	ng		99
48) 2-Nitroaniline	9.42	65	568380	47.028	ng		99
49) Acenaphthylene	9.75	152	2795613	43.139	ng		99
50) Dimethylphthalate	9.61	163	2178662	45.534	ng		100
51) 2,6-Dinitrotoluene	9.67	165	497644	54.492	ng	#	84
52) Acenaphthene	9.92	154	1908962m	46.651	ng		
53) 3-Nitroaniline	9.83	138	237111	23.848	ng		96
54) 2,4-Dinitrophenol	9.94	184	388354	86.792	ng	#	90
55) Dibenzofuran	10.09	168	2617884	44.042	ng		99
56) 4-Nitrophenol	10.00	139	819711	87.872	ng		98
57) 2,4-Dinitrotoluene	10.07	165	668802	58.677	ng		94
58) Fluorene	10.43	166	1964587	43.843	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	582335	54.198	ng		99
60) Diethylphthalate	10.30	149	2220189	46.186	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	966103	43.031	ng		98
62) 4-Nitroaniline	10.45	138	475078	41.329	ng		97
63) Azobenzene	10.58	77	2090628	43.978	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	296685	64.117	ng		95
66) n-Nitrosodiphenylamine	10.54	169	1893092	45.681	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	657352	45.603	ng		99
68) Hexachlorobenzene	10.97	284	756116	44.858	ng		99
69) Atrazine	11.07	200	484586	40.319	ng		98
70) Pentachlorophenol	11.17	266	859624	111.630	ng		99
71) Phenanthrene	11.39	178	2937976	43.693	ng		99
72) Anthracene	11.45	178	2979047	45.045	ng		99
73) Carbazole	11.60	167	2852500	44.728	ng		99
74) Di-n-butylphthalate	11.93	149	3284502	46.360	ng		99
75) Fluoranthene	12.58	202	3230547	44.578	ng		99
77) Benzidine	12.70	184	427707	19.140	ng		99
78) Pyrene	12.81	202	3284053	44.880	ng		99
80) Butylbenzylphthalate	13.43	149	1459478	51.771	ng		99
81) Benzo(a)anthracene	13.99	228	2718395	43.462	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	665536	29.051	ng		98
83) Chrysene	14.03	228	2779630	44.420	ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1816895	49.901	ng		100
85) Di-n-octyl phthalate	14.60	149	3278748	53.137	ng		100
87) Indeno(1,2,3-cd)pyrene	16.92	276	2794451	46.327	ng		100
88) Benzo(b)fluoranthene	15.04	252	3209562	50.328	ng		99
89) Benzo(k)fluoranthene	15.07	252	2510435	42.323	ng		99
90) Benzo(a)pyrene	15.40	252	2537894	44.257	ng		100
91) Dibenzo(a,h)anthracene	16.94	278	2283450	46.246	ng		99
92) Benzo(g,h,i)perylene	17.36	276	2326510	48.913	ng		99

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

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