Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
Data File : BF121531.D
Acq On : 8 Sep 2020 20:00
Operator : JU/CG
Sample : L3864-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Manual Integrations APPROVED
Sohil
9/9/2020 3:49:33 PM

Quant Time: Sep 09 07:01:41 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	389978	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1484990	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	788740	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	1502222	20.00	ng		0.00
76) Chrysene-d12	14.00	240	1107462	20.00	ng		-0.01
86) Perylene-d12	15.46	264	983074	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2163486	93.08	ng		0.02
7) Phenol-d6	6.48	99	2717047	83.65	ng		0.00
23) Nitrobenzene-d5	7.41	82	1998983	92.03	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	1125351	141.26	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	3545800	72.54	ng		0.00
79) Terphenyl-d14	12.95	244	3980299	75.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	392643	35.421	ng		99
3) Pyridine	3.52	79	1022539	33.874	ng		99
4) n-Nitrosodimethylamine	3.46	42	490450	36.756	ng		94
6) Aniline	6.51	93	779088	20.214	ng		99
8) 2-Chlorophenol	6.63	128	1069294	45.326	ng		98
9) Benzaldehyde	6.40	77	481426	26.260	ng		99
10) Phenol	6.49	94	1194749	37.599	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	1067053	41.331	ng		99
12) 1,3-Dichlorobenzene	6.79	146	1078985	37.986	ng		99
13) 1,4-Dichlorobenzene	6.86	146	1079207	37.911	ng		99
14) 1,2-Dichlorobenzene	7.02	146	1059441	39.970	ng		99
15) Benzyl Alcohol	6.99	79	930343	43.637	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1454172	38.021	ng		99
17) 2-Methylphenol	7.10	107	860781	41.937	ng		99
18) Hexachloroethane	7.36	117	400349	41.094	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	759482	41.838	ng		98
20) 3+4-Methylphenols	7.25	107	1002341	40.354	ng	#	88
22) Acetophenone	7.26	105	1389022	37.951	ng	#	91
24) Nitrobenzene	7.43	77	1133031	52.038	ng		98
25) Isophorone	7.67	82	2156917	44.148	ng		98
26) 2-Nitrophenol	7.75	139	574654	57.864	ng		95
27) 2,4-Dimethylphenol	7.78	122	981075	48.417	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	1375445	41.402	ng		99
29) 2,4-Dichlorophenol	7.99	162	936551	46.810	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	957936	39.084	ng		98
31) Naphthalene	8.15	128	2945297	39.950	ng		99
32) Benzoic acid	7.92	122	673667	51.331	ng		99
33) 4-Chloroaniline	8.19	127	410894	12.513	ng		98
34) Hexachlorobutadiene	8.27	225	562452	38.589	ng		98
35) Caprolactam	8.59	113	294597m	45.146	ng		
36) 4-Chloro-3-methylphenol	8.68	107	1013225	48.032	ng		100
37) 2-Methylnaphthalene	8.84	142	2083999	42.665	ng		99
38) 1-Methylnaphthalene	8.94	142	1933138	41.913	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	966725	41.347	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	928858	94.472 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	735610	49.778 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	754280	51.617 ng	99
46) 1,1'-Biphenyl	9.30	154	2498666	41.981 ng	98
47) 2-Chloronaphthalene	9.33	162	1952907	39.919 ng	99
48) 2-Nitroaniline	9.43	65	656100	47.812 ng	92
49) Acenaphthylene	9.75	152	3130659	42.664 ng	99
50) Dimethylphthalate	9.61	163	2496292	46.075 ng	100
51) 2,6-Dinitrotoluene	9.67	165	570321	55.074 ng	93
52) Acenaphthene	9.92	154	2134682m	46.071 ng	
53) 3-Nitroaniline	9.83	138	298155	25.881 ng	99
54) 2,4-Dinitrophenol	9.95	184	461835	89.060 ng	99
55) Dibenzofuran	10.09	168	2861031	42.507 ng	100
56) 4-Nitrophenol	10.00	139	916593	86.872 ng	98
57) 2,4-Dinitrotoluene	10.07	165	753827	58.440 ng	99
58) Fluorene	10.43	166	2183037	43.025 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	664591	54.625 ng	99
60) Diethylphthalate	10.31	149	2494084	45.820 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	1087968	42.796 ng	96
62) 4-Nitroaniline	10.45	138	551730	42.271 ng	98
63) Azobenzene	10.59	77	2345873	43.580 ng	96
65) 4,6-Dinitro-2-methylphenol	10.48	198	353033	65.510 ng	94
66) n-Nitrosodiphenylamine	10.55	169	2123084	44.685 ng	99
67) 4-Bromophenyl-phenylether	10.91	248	749949	45.380 ng	98
68) Hexachlorobenzene	10.98	284	870931	45.068 ng	93
69) Atrazine	11.07	200	553985	40.205 ng	99
70) Pentachlorophenol	11.17	266	974732	110.406 ng	100
71) Phenanthrene	11.39	178	3256491	42.242 ng	99
72) Anthracene	11.45	178	3324942	43.852 ng	98
73) Carbazole	11.60	167	3135512	42.885 ng	98
74) Di-n-butylphthalate	11.93	149	3670342	45.188 ng	98
75) Fluoranthene	12.58	202	3549391	42.720 ng	97
77) Benzidine	12.70	184	484433	20.057 ng	99
78) Pyrene	12.81	202	3650073	46.149 ng	97
80) Butylbenzylphthalate	13.43	149	1615238	53.010 ng	99
81) Benzo(a)anthracene	13.99	228	2894492	42.815 ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	773685	31.245 ng	98
83) Chrysene	14.03	228	2973678	43.966 ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	2026766	51.501 ng	99
85) Di-n-octyl phthalate	14.60	149	3601224	53.996 ng	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	2811868	46.487 ng	100
88) Benzo(b)fluoranthene	15.04	252	2934464	45.888 ng	99
89) Benzo(k)fluoranthene	15.07	252	2842484	47.788 ng	98
90) Benzo(a)pyrene	15.40	252	2551204	44.367 ng	99
91) Dibenzo(a,h)anthracene	16.93	278	2292911	46.309 ng	100
92) Benzo(g,h,i)perylene	17.36	276	2333408	48.922 ng	99

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

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