Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041521\
Data File : BF123574.D
Acq On : 15 Apr 2021 18:47
Operator : JU/CG
Sample : PB135656BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135656BS

Manual Integrations APPROVED
mohammad
4/16/2021 11:31:58 AM

Quant Time: Apr 16 00:29:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 15:43:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	282764	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	1109445	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	571062	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	1128824	20.00	ng	0.00
76) Chrysene-d12	14.057	240	814661	20.00	ng	0.00
86) Perylene-d12	15.539	264	596049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1492695	85.32	ng	0.01
7) Phenol-d6	6.498	99	1984442	81.86	ng	0.00
23) Nitrobenzene-d5	7.434	82	2019903	83.70	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	606449	93.78	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3176296	82.91	ng	0.00
79) Terphenyl-d14	13.004	244	3762809	89.77	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	307766	33.67	ng	99
3) Pyridine	3.452	79	794087	35.53	ng	99
4) n-Nitrosodimethylamine	3.410	42	532911	40.24	ng	97
6) Aniline	6.528	93	979067	34.31	ng	97
8) 2-Chlorophenol	6.657	128	792409	42.17	ng	98
9) Benzaldehyde	6.416	77	576345	36.41	ng	98
10) Phenol	6.516	94	1087091	42.22	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	812081	42.42	ng	99
12) 1,3-Dichlorobenzene	6.810	146	769380	39.83	ng	100
13) 1,4-Dichlorobenzene	6.887	146	786533	40.12	ng	99
14) 1,2-Dichlorobenzene	7.045	146	739772	40.16	ng	99
15) Benzyl Alcohol	7.010	79	833540	43.58	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1814817	42.00	ng	99
17) 2-Methylphenol	7.122	107	697561	43.20	ng	96
18) Hexachloroethane	7.387	117	332701	42.56	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	663825	41.34	ng	99
20) 3+4-Methylphenols	7.275	107	872645	42.35	ng	95
22) Acetophenone	7.281	105	1248068	40.56	ng	95
24) Nitrobenzene	7.457	77	1005711	39.58	ng	99
25) Isophorone	7.698	82	1867618	39.89	ng	100
26) 2-Nitrophenol	7.769	139	409906	47.21	ng	99
27) 2,4-Dimethylphenol	7.804	122	750260	46.82	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	1042728	44.38	ng	98
29) 2,4-Dichlorophenol	8.010	162	641935	41.14	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	676447	40.35	ng	98
31) Naphthalene	8.181	128	2250414	39.38	ng	99
32) Benzoic acid	7.945	122	508400	47.72	ng	92
33) 4-Chloroaniline	8.222	127	397679	16.94	ng	96
34) Hexachlorobutadiene	8.298	225	409791	38.95	ng	99
35) Caprolactam	8.604	113	237227m	43.55	ng	
36) 4-Chloro-3-methylphenol	8.710	107	856847	42.34	ng	98
37) 2-Methylnaphthalene	8.875	142	1541020	41.12	ng	98
38) 1-Methylnaphthalene	8.975	142	1421917	40.11	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	647890	41.11	ng	98
41) Hexachlorocyclopentadiene	9.028	237	912312	111.39	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	473837	44.30	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	499401	42.71	ng		97
46) 1,1'-Biphenyl	9.339	154	1869135	41.82	ng		99
47) 2-Chloronaphthalene	9.363	162	1371515	40.78	ng		97
48) 2-Nitroaniline	9.457	65	631768	45.08	ng		93
49) Acenaphthylene	9.781	152	2424567	44.07	ng		99
50) Dimethylphthalate	9.645	163	1688997	42.81	ng		100
51) 2,6-Dinitrotoluene	9.704	165	375263	43.33	ng		88
52) Acenaphthene	9.951	154	1699450m	48.14	ng		
53) 3-Nitroaniline	9.869	138	270272	26.90	ng		99
54) 2,4-Dinitrophenol	9.981	184	447662	117.68	ng		89
55) Dibenzofuran	10.128	168	2028663	40.06	ng		99
56) 4-Nitrophenol	10.039	139	685368	89.03	ng		93
57) 2,4-Dinitrotoluene	10.110	165	513323	44.38	ng		96
58) Fluorene	10.469	166	1628366	40.91	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	433980	46.61	ng		98
60) Diethylphthalate	10.345	149	1866182	43.21	ng		97
61) 4-Chlorophenyl-phenyle...	10.463	204	774122	42.14	ng		93
62) 4-Nitroaniline	10.492	138	413007	40.71	ng		92
63) Azobenzene	10.622	77	2009310	41.07	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	265631	45.10	ng		94
66) n-Nitrosodiphenylamine	10.581	169	1440354	39.86	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	489395	41.47	ng		95
68) Hexachlorobenzene	11.022	284	555125	41.74	ng	#	93
69) Atrazine	11.110	200	496215	44.06	ng		98
70) Pentachlorophenol	11.216	266	646271	93.00	ng		99
71) Phenanthrene	11.433	178	2337226	39.67	ng		99
72) Anthracene	11.486	178	2346624	39.86	ng		99
73) Carbazole	11.639	167	2213299	37.66	ng		98
74) Di-n-butylphthalate	11.969	149	2982275	41.93	ng		100
75) Fluoranthene	12.627	202	2486576	38.41	ng		99
77) Benzidine	12.745	184	1401854	63.30	ng		99
78) Pyrene	12.857	202	2526406	42.49	ng		99
80) Butylbenzylphthalate	13.474	149	1223417	43.79	ng		99
81) Benzo(a)anthracene	14.051	228	1966765	39.40	ng		98
82) 3,3'-Dichlorobenzidine	14.010	252	342937	21.50	ng		98
83) Chrysene	14.086	228	1944440	38.79	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	1677831	45.16	ng		99
85) Di-n-octyl phthalate	14.657	149	2755268	46.08	ng		100
87) Indeno(1,2,3-cd)pyrene	17.039	276	1397381	43.94	ng		99
88) Benzo(b)fluoranthene	15.110	252	1604730	38.13	ng		99
89) Benzo(k)fluoranthene	15.139	252	1559600	41.24	ng		99
90) Benzo(a)pyrene	15.480	252	1331084	39.76	ng		98
91) Dibenzo(a,h)anthracene	17.062	278	1183103	43.98	ng		97
92) Benzo(g,h,i)perylene	17.492	276	1133957	44.06	ng		99

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

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