Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041521\
Data File : BF123572.D
Acq On : 15 Apr 2021 17:42
Operator : JU/CG
Sample : PB135703BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135703BS

Manual Integrations APPROVED
mohammad
4/16/2021 11:31:52 AM

Quant Time: Apr 16 00:28:21 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	244275	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	915400	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	470063	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	958314	20.00	ng		0.00
76) Chrysene-d12	14.057	240	724692	20.00	ng		0.00
86) Perylene-d12	15.539	264	553732	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1162088	76.89	ng		0.00
7) Phenol-d6	6.498	99	1523198	72.73	ng		0.00
23) Nitrobenzene-d5	7.434	82	1514262	76.05	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	453628	85.22	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2418585	76.70	ng		0.00
79) Terphenyl-d14	12.998	244	3002528	80.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	254649	32.25	ng		99
3) Pyridine	3.440	79	685834	35.52	ng		96
4) n-Nitrosodimethylamine	3.393	42	423187	36.99	ng		93
6) Aniline	6.528	93	449949	18.25	ng		99
8) 2-Chlorophenol	6.651	128	607603	37.43	ng		98
9) Benzaldehyde	6.416	77	466407	34.11	ng		99
10) Phenol	6.510	94	820057	36.87	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	628134	37.98	ng		97
12) 1,3-Dichlorobenzene	6.810	146	605478	36.28	ng		97
13) 1,4-Dichlorobenzene	6.887	146	626931	37.02	ng		98
14) 1,2-Dichlorobenzene	7.040	146	586711	36.87	ng		97
15) Benzyl Alcohol	7.010	79	623248	37.72	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1420706	38.06	ng		98
17) 2-Methylphenol	7.122	107	568989	40.79	ng		99
18) Hexachloroethane	7.387	117	257564	38.14	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	493953	35.60	ng		99
20) 3+4-Methylphenols	7.275	107	673120	37.82	ng	#	88
22) Acetophenone	7.281	105	956050	37.66	ng	#	99
24) Nitrobenzene	7.451	77	764781	36.48	ng		96
25) Isophorone	7.692	82	1432919	37.09	ng		99
26) 2-Nitrophenol	7.769	139	306753	42.81	ng		99
27) 2,4-Dimethylphenol	7.804	122	557576	42.17	ng		97
28) bis(2-Chloroethoxy)met...	7.904	93	796922	41.11	ng		99
29) 2,4-Dichlorophenol	8.010	162	490515	38.10	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	513358	37.11	ng		98
31) Naphthalene	8.175	128	1731427	36.72	ng		99
32) Benzoic acid	7.928	122	359622	41.56	ng		98
33) 4-Chloroaniline	8.216	127	127602	6.59	ng		97
34) Hexachlorobutadiene	8.298	225	323474	37.27	ng		97
35) Caprolactam	8.598	113	179358m	39.91	ng		
36) 4-Chloro-3-methylphenol	8.704	107	659205	39.48	ng		99
37) 2-Methylnaphthalene	8.869	142	1167760	37.77	ng		99
38) 1-Methylnaphthalene	8.969	142	1085830	37.12	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	505526	38.97	ng		98
41) Hexachlorocyclopentadiene	9.028	237	711736	105.57	ng		100
43) 2,4,6-Trichlorophenol	9.145	196	353718	40.18	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	389234	40.44	ng	98
46) 1,1'-Biphenyl	9.339	154	1432532	38.94	ng	99
47) 2-Chloronaphthalene	9.363	162	1052710	38.02	ng	99
48) 2-Nitroaniline	9.451	65	474473	41.13	ng	92
49) Acenaphthylene	9.781	152	1837644	40.58	ng	99
50) Dimethylphthalate	9.639	163	1289188	39.70	ng	100
51) 2,6-Dinitrotoluene	9.698	165	281811	39.53	ng	98
52) Acenaphthene	9.951	154	1293611	44.52	ng	99
53) 3-Nitroaniline	9.863	138	125268	15.15	ng	95
54) 2,4-Dinitrophenol	9.975	184	319389	102.00	ng	95
55) Dibenzofuran	10.122	168	1553403	37.27	ng	98
56) 4-Nitrophenol	10.034	139	533547	84.20	ng	94
57) 2,4-Dinitrotoluene	10.104	165	395347	41.52	ng	91
58) Fluorene	10.469	166	1254118	38.28	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	319288	41.66	ng	99
60) Diethylphthalate	10.339	149	1425850	40.10	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	584367	38.64	ng	98
62) 4-Nitroaniline	10.486	138	319034	38.20	ng	96
63) Azobenzene	10.622	77	1529227	37.97	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	194784	38.96	ng	99
66) n-Nitrosodiphenylamine	10.581	169	1098481	35.81	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	375405	37.47	ng	97
68) Hexachlorobenzene	11.016	284	426901	37.81	ng	99
69) Atrazine	11.110	200	385096	40.28	ng	97
70) Pentachlorophenol	11.210	266	504137	85.46	ng	96
71) Phenanthrene	11.433	178	1834407	36.68	ng	99
72) Anthracene	11.486	178	1875658	37.52	ng	100
73) Carbazole	11.639	167	1778008	35.64	ng	99
74) Di-n-butylphthalate	11.969	149	2377234	39.37	ng	99
75) Fluoranthene	12.622	202	2033364	36.99	ng	99
77) Benzidine	12.739	184	891310	45.24	ng	99
78) Pyrene	12.851	202	2063414	39.01	ng	99
80) Butylbenzylphthalate	13.474	149	994880	40.03	ng	100
81) Benzo(a)anthracene	14.045	228	1632768	36.77	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	136978	9.66	ng	99
83) Chrysene	14.086	228	1612513	36.16	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1348428	40.80	ng	100
85) Di-n-octyl phthalate	14.657	149	2224032	41.82	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	1142210	38.66	ng	99
88) Benzo(b)fluoranthene	15.110	252	1382282	35.36	ng	99
89) Benzo(k)fluoranthene	15.139	252	1319448	37.41	ng	99
90) Benzo(a)pyrene	15.480	252	1114914	35.85	ng	97
91) Dibenzo(a,h)anthracene	17.057	278	953636	38.16	ng	99
92) Benzo(g,h,i)perylene	17.486	276	930606	39.90	ng	100

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

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