Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
Data File : BF123695.D
Acq On : 23 Apr 2021 16:03
Operator : JU/CG
Sample : PB135944BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135944BS

Manual Integrations APPROVED
mohammad
4/26/2021 11:36:01 AM

Quant Time: Apr 23 16:24:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 23 10:48:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	234677	20.00	ng		0.00
21) Naphthalene-d8	8.116	136	886824	20.00	ng		-0.01
39) Acenaphthene-d10	9.880	164	419480	20.00	ng		0.00
64) Phenanthrene-d10	11.369	188	773434	20.00	ng		0.00
76) Chrysene-d12	14.015	240	479240	20.00	ng		0.00
86) Perylene-d12	15.486	264	348266	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1250068	86.09	ng		0.00
7) Phenol-d6	6.469	99	1660674	82.54	ng		0.00
23) Nitrobenzene-d5	7.398	82	1391558	72.14	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	399444	84.09	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	2030241	72.15	ng		0.00
79) Terphenyl-d14	12.957	244	1833885	74.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	340859	44.93	ng		97
3) Pyridine	3.410	79	881618	47.53	ng		94
4) n-Nitrosodimethylamine	3.369	42	513968	46.76	ng		99
6) Aniline	6.492	93	755020	31.88	ng		91
8) 2-Chlorophenol	6.622	128	714259	45.80	ng		99
9) Benzaldehyde	6.375	77	155439	11.83	ng		98
10) Phenol	6.487	94	966161	45.22	ng		85
11) bis(2-Chloroethyl)ether	6.569	93	731106	46.02	ng		98
12) 1,3-Dichlorobenzene	6.775	146	727550	45.38	ng		96
13) 1,4-Dichlorobenzene	6.851	146	742494	45.64	ng		97
14) 1,2-Dichlorobenzene	7.004	146	705333	46.13	ng		99
15) Benzyl Alcohol	6.975	79	711735	44.83	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1549413	43.20	ng		99
17) 2-Methylphenol	7.092	107	619040	46.19	ng		97
18) Hexachloroethane	7.345	117	301425	46.46	ng		99
19) n-Nitroso-di-n-propyla...	7.245	70	555018	41.64	ng		98
20) 3+4-Methylphenols	7.245	107	739962	43.27	ng	#	90
22) Acetophenone	7.239	105	1056496	42.95	ng	#	92
24) Nitrobenzene	7.416	77	882288	43.44	ng		97
25) Isophorone	7.657	82	1540154	41.15	ng		99
26) 2-Nitrophenol	7.734	139	369512	53.24	ng		98
27) 2,4-Dimethylphenol	7.775	122	616204	48.11	ng		95
28) bis(2-Chloroethoxy)met...	7.869	93	886249	47.19	ng		99
29) 2,4-Dichlorophenol	7.981	162	548447	43.98	ng		96
30) 1,2,4-Trichlorobenzene	8.057	180	587976	43.87	ng		99
31) Naphthalene	8.139	128	1990502	43.58	ng		100
32) Benzoic acid	7.904	122	389567	45.93	ng		92
33) 4-Chloroaniline	8.186	127	438193	23.36	ng		97
34) Hexachlorobutadiene	8.263	225	359968	42.81	ng		98
35) Caprolactam	8.551	113	186383m	42.81	ng		
36) 4-Chloro-3-methylphenol	8.681	107	694182	42.92	ng		93
37) 2-Methylnaphthalene	8.833	142	1279606	42.72	ng		98
38) 1-Methylnaphthalene	8.933	142	1204128	42.49	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	536739	46.36	ng		99
41) Hexachlorocyclopentadiene	8.992	237	537387	89.32	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	367861	46.82	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	388290	45.21	ng	96
46) 1,1'-Biphenyl	9.298	154	1502914	45.78	ng	99
47) 2-Chloronaphthalene	9.322	162	1142055	46.23	ng	98
48) 2-Nitroaniline	9.422	65	503511	48.92	ng	99
49) Acenaphthylene	9.739	152	1832179	45.34	ng	98
50) Dimethylphthalate	9.604	163	1255012	43.30	ng	100
51) 2,6-Dinitrotoluene	9.663	165	292211	45.93	ng	90
52) Acenaphthene	9.916	154	1111515	42.87	ng	99
53) 3-Nitroaniline	9.828	138	226894	30.75	ng	98
54) 2,4-Dinitrophenol	9.939	184	298232	106.73	ng	95
55) Dibenzofuran	10.086	168	1617205	43.48	ng	99
56) 4-Nitrophenol	10.004	139	477988	84.53	ng	95
57) 2,4-Dinitrotoluene	10.069	165	384147	45.21	ng	94
58) Fluorene	10.427	166	1260353	43.11	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.204	232	303529	44.38	ng	99
60) Diethylphthalate	10.304	149	1310922	41.32	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	569974	42.23	ng	98
62) 4-Nitroaniline	10.445	138	318545	42.74	ng	96
63) Azobenzene	10.580	77	1492346	41.53	ng	98
65) 4,6-Dinitro-2-methylph...	10.475	198	206001	51.05	ng	98
66) n-Nitrosodiphenylamine	10.539	169	1095918	44.26	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	356762	44.12	ng	95
68) Hexachlorobenzene	10.980	284	407509	44.72	ng	96
69) Atrazine	11.069	200	276652	35.85	ng	99
70) Pentachlorophenol	11.174	266	400603	84.14	ng	97
71) Phenanthrene	11.392	178	1746163	43.26	ng	99
72) Anthracene	11.445	178	1785671	44.26	ng	100
73) Carbazole	11.598	167	1680852	41.74	ng	99
74) Di-n-butylphthalate	11.933	149	1927730	39.56	ng	99
75) Fluoranthene	12.586	202	1855625	41.83	ng	98
77) Benzidine	12.704	184	376730	28.92	ng	98
78) Pyrene	12.816	202	1863548	53.28	ng	99
80) Butylbenzylphthalate	13.433	149	733160	44.61	ng	98
81) Benzo(a)anthracene	14.004	228	1227478	41.80	ng	98
82) 3,3'-Dichlorobenzidine	13.968	252	321898	34.31	ng	99
83) Chrysene	14.045	228	1251786	42.45	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	843012	38.57	ng	100
85) Di-n-octyl phthalate	14.610	149	1218075	34.63	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	1181125	63.56	ng	98
88) Benzo(b)fluoranthene	15.057	252	1110633	45.17	ng	97
89) Benzo(k)fluoranthene	15.086	252	960266	43.55	ng	99
90) Benzo(a)pyrene	15.427	252	927106	47.40	ng	97
91) Dibenzo(a,h)anthracene	16.980	278	955267	60.78	ng	99
92) Benzo(g,h,i)perylene	17.409	276	1011150	61.01	ng	98

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

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