Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
Data File : BF125385.D
Acq On : 7 Sep 2021 13:32
Operator : JU/CG
Sample : PB138943BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138943BS

Manual Integrations APPROVED
mohammad
9/9/2021 11:50:36 AM

Quant Time: Sep 07 14:44:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	146537	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	549779	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	263598	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	416316	20.000	ng	0.00
76) Chrysene-d12	14.068	240	278493	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	314829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1069438	110.464	ng	0.01
7) Phenol-d6	6.534	99	1304223	104.162	ng	0.00
23) Nitrobenzene-d5	7.463	82	888561	81.367	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	342239	130.065	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1468229	77.630	ng	0.00
79) Terphenyl-d14	13.010	244	1314628	75.202	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	175568	36.751	ng	# 100
3) Pyridine	3.528	79	388948	30.841	ng	# 92
4) n-Nitrosodimethylamine	3.481	42	253381	40.151	ng	# 36
6) Aniline	6.563	93	582227	39.586	ng	# 93
8) 2-Chlorophenol	6.687	128	417819	42.305	ng	83
9) Benzaldehyde	6.451	77	315711	35.928	ng	92
10) Phenol	6.545	94	544393	41.517	ng	92
11) bis(2-Chloroethyl)ether	6.634	93	442164	42.817	ng	85
12) 1,3-Dichlorobenzene	6.839	146	471275	41.179	ng	95
13) 1,4-Dichlorobenzene	6.916	146	488813	42.865	ng	98
14) 1,2-Dichlorobenzene	7.069	146	465123	43.354	ng	99
15) Benzyl Alcohol	7.039	79	377187	39.125	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	825522	39.861	ng	95
17) 2-Methylphenol	7.151	107	346747	41.795	ng	94
18) Hexachloroethane	7.410	117	175557	43.964	ng	# 87
19) n-Nitroso-di-n-propyla...	7.310	70	296886	39.421	ng	# 77
20) 3+4-Methylphenols	7.304	107	380966	36.581	ng	# 68
22) Acetophenone	7.310	105	567456	40.105	ng	# 91
24) Nitrobenzene	7.481	77	479704	40.314	ng	# 86
25) Isophorone	7.722	82	813097	38.596	ng	# 90
26) 2-Nitrophenol	7.798	139	222369	46.800	ng	# 83
27) 2,4-Dimethylphenol	7.834	122	341893	41.102	ng	91
28) bis(2-Chloroethoxy)met...	7.928	93	505985	43.378	ng	# 97
29) 2,4-Dichlorophenol	8.039	162	339366	40.005	ng	94
30) 1,2,4-Trichlorobenzene	8.122	180	390689	42.234	ng	94
31) Naphthalene	8.204	128	1125938	39.989	ng	99
32) Benzoic acid	7.951	122	196852	34.867	ng	# 84
33) 4-Chloroaniline	8.251	127	347040	31.265	ng	# 90
34) Hexachlorobutadiene	8.316	225	251651	42.663	ng	99
35) Caprolactam	8.622	113	96457m	43.899	ng	
36) 4-Chloro-3-methylphenol	8.733	107	341723	39.459	ng	93
37) 2-Methylnaphthalene	8.892	142	750641	40.345	ng	97
38) 1-Methylnaphthalene	8.992	142	677569	38.998	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	382718	44.439	ng	97
41) Hexachlorocyclopentadiene	9.045	237	396654	87.664	ng	96
43) 2,4,6-Trichlorophenol	9.175	196	240592	39.675	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	259212	40.631	ng		92
46) 1,1'-Biphenyl	9.357	154	843390	39.686	ng		98
47) 2-Chloronaphthalene	9.386	162	703615	40.743	ng		96
48) 2-Nitroaniline	9.480	65	237877	44.436	ng	#	83
49) Acenaphthylene	9.798	152	1020349	40.546	ng		99
50) Dimethylphthalate	9.657	163	755593	41.364	ng	#	98
51) 2,6-Dinitrotoluene	9.722	165	166233	41.968	ng	#	88
52) Acenaphthene	9.975	154	586330	37.584	ng		97
53) 3-Nitroaniline	9.892	138	138079	32.325	ng	#	80
54) 2,4-Dinitrophenol	9.998	184	153824	98.316	ng	#	82
55) Dibenzofuran	10.145	168	869053	38.708	ng		98
56) 4-Nitrophenol	10.057	139	223935	66.202	ng	#	77
57) 2,4-Dinitrotoluene	10.128	165	211321	44.081	ng	#	95
58) Fluorene	10.486	166	662816	39.931	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.263	232	189000	39.920	ng	#	83
60) Diethylphthalate	10.357	149	703966	39.530	ng		97
61) 4-Chlorophenyl-phenyle...	10.475	204	349378	41.630	ng		88
62) 4-Nitroaniline	10.510	138	159469	41.516	ng	#	82
63) Azobenzene	10.639	77	739651	37.029	ng		91
65) 4,6-Dinitro-2-methylph...	10.533	198	102956	46.726	ng		91
66) n-Nitrosodiphenylamine	10.598	169	624569	41.898	ng		97
67) 4-Bromophenyl-phenylether	10.969	248	228075	45.622	ng	#	88
68) Hexachlorobenzene	11.033	284	240112	46.688	ng	#	85
69) Atrazine	11.122	200	193068	45.135	ng		93
70) Pentachlorophenol	11.227	266	222772	74.185	ng		92
71) Phenanthrene	11.451	178	929386	40.515	ng		98
72) Anthracene	11.504	178	950894	42.056	ng		98
73) Carbazole	11.657	167	794297	38.443	ng		99
74) Di-n-butylphthalate	11.980	149	980298	39.981	ng		99
75) Fluoranthene	12.639	202	904490	39.738	ng		97
77) Benzidine	12.763	184	533839	54.886	ng		99
78) Pyrene	12.868	202	917116	38.390	ng		97
80) Butylbenzylphthalate	13.480	149	363923	38.769	ng		94
81) Benzo(a)anthracene	14.057	228	828099	41.269	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	273975	44.048	ng		99
83) Chrysene	14.092	228	807569	40.696	ng		97
84) Bis(2-ethylhexyl)phtha...	14.033	149	502549	38.953	ng		99
85) Di-n-octyl phthalate	14.651	149	872944	40.682	ng		98
87) Indeno(1,2,3-cd)pyrene	17.074	276	1158847	51.094	ng	#	89
88) Benzo(b)fluoranthene	15.121	252	920873	40.037	ng	#	94
89) Benzo(k)fluoranthene	15.151	252	887940	41.370	ng		99
90) Benzo(a)pyrene	15.498	252	927306	45.641	ng	#	95
91) Dibenzo(a,h)anthracene	17.092	278	973060	49.632	ng	#	94
92) Benzo(g,h,i)perylene	17.533	276	1011733	53.520	ng	#	87

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

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