Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF124998.D
Acq On : 9 Aug 2021 11:10
Operator : JU/CG
Sample : PB138219BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138219BS

Manual Integrations APPROVED
mohammad
8/10/2021 4:34:24 PM

Quant Time: Aug 09 11:53:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 11:03:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	7578	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	29377	20.000	ng	#	0.00
39) Acenaphthene-d10	9.863	164	16290	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	29205	20.000	ng		0.00
76) Chrysene-d12	13.986	240	19815	20.000	ng		0.00
86) Perylene-d12	15.439	264	15628	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	43059	93.079	ng		0.01
7) Phenol-d6	6.457	99	51635	88.520	ng		0.00
23) Nitrobenzene-d5	7.392	82	53958	96.085	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	14405	98.980	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	107562	96.617	ng		0.00
79) Terphenyl-d14	12.933	244	128070	109.024	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	6694	38.678	ng	#	100
3) Pyridine	3.410	79	14750	36.678	ng		96
4) n-Nitrosodimethylamine	3.375	42	13939	48.809	ng	#	77
6) Aniline	6.487	93	29843	48.433	ng		98
8) 2-Chlorophenol	6.610	128	23878	47.056	ng		96
9) Benzaldehyde	6.375	77	13732	43.270	ng		95
10) Phenol	6.475	94	28310	47.037	ng		83
11) bis(2-Chloroethyl)ether	6.557	93	22340	49.478	ng		94
12) 1,3-Dichlorobenzene	6.763	146	25786	46.688	ng		95
13) 1,4-Dichlorobenzene	6.839	146	26734	48.420	ng		96
14) 1,2-Dichlorobenzene	6.992	146	24671	47.680	ng		94
15) Benzyl Alcohol	6.969	79	20361	48.391	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	35227	48.698	ng		91
17) 2-Methylphenol	7.081	107	18639	49.071	ng		94
18) Hexachloroethane	7.334	117	11019	50.975	ng		95
19) n-Nitroso-di-n-propyla...	7.239	70	16371	47.300	ng		92
20) 3+4-Methylphenols	7.234	107	23710	47.022	ng	#	77
22) Acetophenone	7.234	105	34829	48.410	ng	#	86
24) Nitrobenzene	7.410	77	24635	45.336	ng		100
25) Isophorone	7.651	82	43668	45.561	ng	#	89
26) 2-Nitrophenol	7.722	139	12970	47.004	ng	#	90
27) 2,4-Dimethylphenol	7.757	122	20836	53.268	ng		85
28) bis(2-Chloroethoxy)met...	7.857	93	27304	50.054	ng		99
29) 2,4-Dichlorophenol	7.963	162	20106	46.136	ng		95
30) 1,2,4-Trichlorobenzene	8.045	180	23153	47.407	ng		98
31) Naphthalene	8.128	128	70339	46.603	ng		99
32) Benzoic acid	7.898	122	11935	50.942	ng		97
33) 4-Chloroaniline	8.175	127	23085	41.042	ng	#	91
34) Hexachlorobutadiene	8.239	225	13810	47.351	ng		98
35) Caprolactam	8.557	113	5582m	48.234	ng		
36) 4-Chloro-3-methylphenol	8.663	107	21731	47.670	ng		91
37) 2-Methylnaphthalene	8.816	142	47693	46.997	ng		97
38) 1-Methylnaphthalene	8.916	142	43814	46.142	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	22591	48.315	ng		97
41) Hexachlorocyclopentadiene	8.969	237	22477	123.205	ng		91
43) 2,4,6-Trichlorophenol	9.098	196	14759	47.416	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	15189	48.206	ng		97
46) 1,1'-Biphenyl	9.281	154	56474	46.522	ng		98
47) 2-Chloronaphthalene	9.310	162	44314	45.884	ng		98
48) 2-Nitroaniline	9.410	65	14052	49.531	ng		98
49) Acenaphthylene	9.728	152	70537	48.082	ng		99
50) Dimethylphthalate	9.586	163	55101	49.915	ng		99
51) 2,6-Dinitrotoluene	9.651	165	12043	48.993	ng		96
52) Acenaphthene	9.898	154	41696	46.883	ng		98
53) 3-Nitroaniline	9.822	138	9767	37.724	ng	#	82
54) 2,4-Dinitrophenol	9.933	184	11396	90.652	ng		89
55) Dibenzofuran	10.069	168	64327	46.281	ng		98
56) 4-Nitrophenol	9.992	139	17168	100.594	ng	#	83
57) 2,4-Dinitrotoluene	10.057	165	16008	47.966	ng	#	98
58) Fluorene	10.410	166	50033	46.947	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.186	232	11653	49.292	ng	#	95
60) Diethylphthalate	10.286	149	56192	49.602	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	25133	49.938	ng		95
62) 4-Nitroaniline	10.439	138	12027	47.846	ng		93
63) Azobenzene	10.563	77	53179	48.003	ng		92
65) 4,6-Dinitro-2-methylph...	10.463	198	7346	40.150	ng		94
66) n-Nitrosodiphenylamine	10.522	169	43960	46.441	ng		96
67) 4-Bromophenyl-phenylether	10.892	248	15532	48.556	ng		97
68) Hexachlorobenzene	10.957	284	16517	47.462	ng		91
69) Atrazine	11.051	200	14283	50.215	ng		96
70) Pentachlorophenol	11.157	266	15898	95.899	ng		90
71) Phenanthrene	11.374	178	74512	47.033	ng		99
72) Anthracene	11.427	178	75299	47.379	ng		98
73) Carbazole	11.580	167	66167	45.399	ng		99
74) Di-n-butylphthalate	11.904	149	93462	50.457	ng		99
75) Fluoranthene	12.563	202	77042	47.008	ng		96
77) Benzidine	12.686	184	48304	91.107	ng		97
78) Pyrene	12.792	202	76885	49.261	ng		98
80) Butylbenzylphthalate	13.404	149	36096	51.968	ng		97
81) Benzo(a)anthracene	13.974	228	60489	46.844	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	17398	51.106	ng		97
83) Chrysene	14.015	228	59946	48.022	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	53280	55.297	ng	#	100
85) Di-n-octyl phthalate	14.568	149	84635	55.677	ng		98
87) Indeno(1,2,3-cd)pyrene	16.898	276	43441	46.678	ng		93
88) Benzo(b)fluoranthene	15.021	252	52706	48.031	ng	#	97
89) Benzo(k)fluoranthene	15.051	252	46620	46.703	ng		99
90) Benzo(a)pyrene	15.380	252	45540	48.736	ng		96
91) Dibenzo(a,h)anthracene	16.909	278	36919	45.119	ng		96
92) Benzo(g,h,i)perylene	17.333	276	37173	47.360	ng	#	87

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

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