Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070121\
Data File : BF124508.D
Acq On : 1 Jul 2021 13:08
Operator : JU/CG
Sample : PB137447BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137447BS

Manual Integrations APPROVED
mohammad
7/2/2021 12:02:01 PM

Quant Time: Jul 01 14:17:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 14:15:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.681	152	41491	20.000	ng		0.00
21) Naphthalene-d8	7.969	136	157709	20.000	ng	#	0.00
39) Acenaphthene-d10	9.722	164	90124	20.000	ng		0.00
64) Phenanthrene-d10	11.210	188	159291	20.000	ng	#	0.00
76) Chrysene-d12	13.851	240	96664	20.000	ng		0.00
86) Perylene-d12	15.280	264	82408	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.322	112	324048	122.828	ng		0.02
7) Phenol-d6	6.345	99	392808	114.032	ng		0.00
23) Nitrobenzene-d5	7.257	82	284475	74.790	ng		0.00
42) 2,4,6-Tribromophenol	10.516	330	131729	122.340	ng		0.00
45) 2-Fluorobiphenyl	9.045	172	597696	81.240	ng		0.00
79) Terphenyl-d14	12.792	244	593672	91.988	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.428	88	39167	34.525	ng	#	81
3) Pyridine	3.163	79	85095	34.206	ng	#	69
4) n-Nitrosodimethylamine	3.099	42	52154	38.860	ng		85
6) Aniline	6.351	93	144512	37.552	ng	#	51
8) 2-Chlorophenol	6.475	128	123277	42.046	ng		94
9) Benzaldehyde	6.234	77	78834	49.163	ng		90
10) Phenol	6.357	94	152062	40.826	ng	#	74
11) bis(2-Chloroethyl)ether	6.428	93	115089	42.725	ng		87
12) 1,3-Dichlorobenzene	6.622	146	146576m	41.160	ng		
13) 1,4-Dichlorobenzene	6.698	146	144945	40.140	ng		94
14) 1,2-Dichlorobenzene	6.851	146	141346	41.565	ng		96
15) Benzyl Alcohol	6.840	79	118564	40.126	ng		92
16) 2,2'-oxybis(1-Chloropr...	6.963	45	135224	39.131	ng	#	1
17) 2-Methylphenol	6.957	107	99791	42.533	ng	#	82
18) Hexachloroethane	7.187	117	55136	41.910	ng	#	85
19) n-Nitroso-di-n-propyla...	7.110	70	94716	40.886	ng	#	73
20) 3+4-Methylphenols	7.116	107	131908	43.072	ng	#	76
22) Acetophenone	7.104	105	180233	41.054	ng	#	85
24) Nitrobenzene	7.275	77	139628	36.745	ng		97
25) Isophorone	7.516	82	243677	37.262	ng	#	97
26) 2-Nitrophenol	7.592	139	71044	38.437	ng	#	84
27) 2,4-Dimethylphenol	7.640	122	108921	44.212	ng		93
28) bis(2-Chloroethoxy)met...	7.722	93	143448	43.276	ng		99
29) 2,4-Dichlorophenol	7.840	162	113207	38.711	ng		87
30) 1,2,4-Trichlorobenzene	7.910	180	129549	39.061	ng		97
31) Naphthalene	7.987	128	351946	37.931	ng		99
32) Benzoic acid	7.810	122	51731	37.766	ng		99
33) 4-Chloroaniline	8.045	127	64793	18.592	ng		95
34) Hexachlorobutadiene	8.104	225	84193	37.970	ng		96
35) Caprolactam	8.434	113	29077m	37.942	ng		
36) 4-Chloro-3-methylphenol	8.551	107	115907	39.239	ng		89
37) 2-Methylnaphthalene	8.681	142	260243	39.635	ng		99
38) 1-Methylnaphthalene	8.781	142	237470	38.884	ng		95
40) 1,2,4,5-Tetrachloroben...	8.851	216	136673	42.197	ng	#	96
41) Hexachlorocyclopentadiene	8.834	237	61171	243.402	ng		95
43) 2,4,6-Trichlorophenol	8.969	196	75821	37.304	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.022	196	75531	35.219	ng	#	89
46) 1,1'-Biphenyl	9.145	154	313970	40.989	ng		97
47) 2-Chloronaphthalene	9.169	162	253438	40.449	ng		96
48) 2-Nitroaniline	9.281	65	80444	39.028	ng		87
49) Acenaphthylene	9.586	152	371175	40.983	ng		98
50) Dimethylphthalate	9.457	163	296284	41.697	ng		99
51) 2,6-Dinitrotoluene	9.522	165	65290	39.778	ng		86
52) Acenaphthene	9.757	154	237233	41.252	ng		97
53) 3-Nitroaniline	9.692	138	41729	28.720	ng		97
54) 2,4-Dinitrophenol	9.816	184	45183	69.823	ng	#	80
55) Dibenzofuran	9.928	168	360224	39.300	ng		99
56) 4-Nitrophenol	9.886	139	49094	64.411	ng	#	81
57) 2,4-Dinitrotoluene	9.933	165	87045	40.009	ng	#	95
58) Fluorene	10.269	166	283948	40.316	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.057	232	56045	35.733	ng	#	96
60) Diethylphthalate	10.151	149	298329	42.194	ng		95
61) 4-Chlorophenyl-phenyle...	10.263	204	144197	41.314	ng		96
62) 4-Nitroaniline	10.316	138	56228	40.223	ng		94
63) Azobenzene	10.422	77	284724	40.455	ng		94
65) 4,6-Dinitro-2-methylph...	10.345	198	40014	35.045	ng	#	63
66) n-Nitrosodiphenylamine	10.386	169	254981	41.726	ng		96
67) 4-Bromophenyl-phenylether	10.751	248	89427	41.731	ng		99
68) Hexachlorobenzene	10.822	284	96417	41.411	ng		92
69) Atrazine	10.922	200	87917	55.766	ng		96
70) Pentachlorophenol	11.028	266	44677	78.679	ng		97
71) Phenanthrene	11.233	178	411239	40.954	ng		97
72) Anthracene	11.286	178	424435	42.422	ng		99
73) Carbazole	11.445	167	344005	39.452	ng		98
74) Di-n-butylphthalate	11.769	149	457150	44.028	ng		97
75) Fluoranthene	12.422	202	394257	39.017	ng		98
77) Benzidine	12.545	184	185675	95.844	ng	#	97
78) Pyrene	12.651	202	391258	44.343	ng		100
80) Butylbenzylphthalate	13.269	149	159655	45.567	ng		88
81) Benzo(a)anthracene	13.839	228	279709	40.135	ng		96
82) 3,3'-Dichlorobenzidine	13.798	252	54011	24.189	ng	#	98
83) Chrysene	13.880	228	270229	39.127	ng		98
84) Bis(2-ethylhexyl)phtha...	13.827	149	211332	45.018	ng		97
85) Di-n-octyl phthalate	14.439	149	306209	41.883	ng	#	85
87) Indeno(1,2,3-cd)pyrene	16.674	276	271565	41.787	ng		96
88) Benzo(b)fluoranthene	14.874	252	241457	38.666	ng		98
89) Benzo(k)fluoranthene	14.904	252	243395	42.603	ng		98
90) Benzo(a)pyrene	15.221	252	233235	42.030	ng		99
91) Dibenzo(a,h)anthracene	16.680	278	234740	41.934	ng	#	97
92) Benzo(g,h,i)perylene	17.098	276	226808	41.176	ng		98

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

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