Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124829.D
Acq On : 28 Jul 2021 15:54
Operator : JU/CG
Sample : PB138016BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138016BS

Manual Integrations APPROVED
mohammad
7/29/2021 1:43:14 PM

Quant Time: Jul 28 16:50:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	8285	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	32867	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	17070	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	30327	20.000	ng	#	0.00
76) Chrysene-d12	14.045	240	19369	20.000	ng	#	0.00
86) Perylene-d12	15.510	264	14319	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	59916	122.447	ng		0.03
7) Phenol-d6	6.510	99	73737	120.203	ng		0.01
23) Nitrobenzene-d5	7.439	82	41291	74.772	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	16852	114.982	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	81059	69.745	ng		0.00
79) Terphenyl-d14	12.986	244	73409	64.967	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	8316	48.619	ng	#	100
3) Pyridine	3.551	79	16825	41.553	ng		95
4) n-Nitrosodimethylamine	3.516	42	15563	48.603	ng	#	87
6) Aniline	6.540	93	26331	41.766	ng		97
8) 2-Chlorophenol	6.663	128	24788	44.914	ng		93
9) Benzaldehyde	6.422	77	12388	37.508	ng		94
10) Phenol	6.522	94	28772	48.978	ng		95
11) bis(2-Chloroethyl)ether	6.610	93	23500	50.453	ng		94
12) 1,3-Dichlorobenzene	6.816	146	27513	45.867	ng		100
13) 1,4-Dichlorobenzene	6.892	146	28041	46.728	ng		95
14) 1,2-Dichlorobenzene	7.039	146	27246	46.991	ng		95
15) Benzyl Alcohol	7.016	79	19390	48.067	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	38168	48.687	ng		95
17) 2-Methylphenol	7.128	107	19213	47.785	ng		92
18) Hexachloroethane	7.387	117	11244	49.434	ng	#	88
19) n-Nitroso-di-n-propyla...	7.292	70	17380	53.058	ng		88
20) 3+4-Methylphenols	7.281	107	24150	45.461	ng	#	81
22) Acetophenone	7.287	105	35326	46.381	ng		97
24) Nitrobenzene	7.457	77	25195	46.537	ng		97
25) Isophorone	7.698	82	44174	45.239	ng		95
26) 2-Nitrophenol	7.775	139	13718	45.747	ng	#	90
27) 2,4-Dimethylphenol	7.810	122	22180	48.070	ng		90
28) bis(2-Chloroethoxy)met...	7.904	93	28902	50.935	ng		98
29) 2,4-Dichlorophenol	8.016	162	20674	42.307	ng		94
30) 1,2,4-Trichlorobenzene	8.098	180	23615	44.092	ng		97
31) Naphthalene	8.181	128	73262	42.713	ng		98
32) Benzoic acid	7.945	122	13086	36.641	ng		91
33) 4-Chloroaniline	8.222	127	13859	21.487	ng	#	94
34) Hexachlorobutadiene	8.292	225	14945	46.681	ng		99
35) Caprolactam	8.604	113	6042m	47.571	ng		
36) 4-Chloro-3-methylphenol	8.710	107	21202	45.487	ng		92
37) 2-Methylnaphthalene	8.869	142	47682	41.605	ng		100
38) 1-Methylnaphthalene	8.969	142	44735	41.204	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	22004	46.200	ng		98
41) Hexachlorocyclopentadiene	9.022	237	32197	114.262	ng		96
43) 2,4,6-Trichlorophenol	9.145	196	15003	44.374	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	14940	43.035	ng		96
46) 1,1'-Biphenyl	9.333	154	57103	44.815	ng		98
47) 2-Chloronaphthalene	9.363	162	44731	44.346	ng		97
48) 2-Nitroaniline	9.457	65	12750	48.274	ng		91
49) Acenaphthylene	9.775	152	69201	44.487	ng		99
50) Dimethylphthalate	9.639	163	52255	44.458	ng	#	97
51) 2,6-Dinitrotoluene	9.698	165	11188	43.086	ng		87
52) Acenaphthene	9.951	154	40743	39.511	ng		97
53) 3-Nitroaniline	9.869	138	7521	27.531	ng	#	80
54) 2,4-Dinitrophenol	9.975	184	11310	75.323	ng		92
55) Dibenzofuran	10.122	168	63055	42.792	ng		99
56) 4-Nitrophenol	10.033	139	16788	77.819	ng		85
57) 2,4-Dinitrotoluene	10.104	165	14767	41.906	ng	#	95
58) Fluorene	10.463	166	47868	42.347	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	11369	41.467	ng	#	96
60) Diethylphthalate	10.339	149	52552	42.996	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	23496	42.998	ng		99
62) 4-Nitroaniline	10.486	138	10870	40.213	ng		91
63) Azobenzene	10.616	77	48877	45.202	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	7185	36.583	ng		97
66) n-Nitrosodiphenylamine	10.575	169	40400	41.108	ng		95
67) 4-Bromophenyl-phenylether	10.945	248	13802	42.912	ng		93
68) Hexachlorobenzene	11.010	284	15140	45.324	ng		94
69) Atrazine	11.104	200	13322	44.585	ng		96
70) Pentachlorophenol	11.204	266	16356	78.743	ng		92
71) Phenanthrene	11.427	178	68864	42.219	ng		98
72) Anthracene	11.480	178	68858	42.227	ng		99
73) Carbazole	11.633	167	58914	38.543	ng		99
74) Di-n-butylphthalate	11.957	149	85006	41.753	ng		99
75) Fluoranthene	12.616	202	66654	40.044	ng		97
77) Benzidine	12.733	184	29628	54.245	ng		95
78) Pyrene	12.845	202	67035	43.717	ng		99
80) Butylbenzylphthalate	13.457	149	32075	43.673	ng		95
81) Benzo(a)anthracene	14.033	228	53759	42.461	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	12145	34.565	ng		97
83) Chrysene	14.068	228	50885	41.717	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	45642	42.191	ng		99
85) Di-n-octyl phthalate	14.627	149	72103	41.073	ng	#	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	37740	45.653	ng		93
88) Benzo(b)fluoranthene	15.080	252	44802	44.439	ng		98
89) Benzo(k)fluoranthene	15.115	252	40161	43.598	ng		99
90) Benzo(a)pyrene	15.451	252	37665	44.723	ng		96
91) Dibenzo(a,h)anthracene	17.015	278	32747	45.250	ng		94
92) Benzo(g,h,i)perylene	17.451	276	30466	44.394	ng	#	88

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

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