Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122921\
Data File : BF126402.D
Acq On : 29 Dec 2021 19:57
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 30 03:53:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 03:51:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	145355	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	579688	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	254618	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	401618	20.000	ng	0.00
76) Chrysene-d12	13.957	240	218602	20.000	ng	0.00
86) Perylene-d12	15.398	264	190695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	814019	106.236	ng	0.00
7) Phenol-d6	6.428	99	1044197	105.410	ng	0.00
23) Nitrobenzene-d5	7.363	82	919572	108.903	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	164092	111.526	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1074183	101.332	ng	0.00
79) Terphenyl-d14	12.904	244	907971	105.901	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.498	88	214681	56.019	ng	100
3) Pyridine	3.222	79	572839	55.195	ng	100
4) n-Nitrosodimethylamine	3.175	42	228788	53.962	ng	100
6) Aniline	6.457	93	664060	54.327	ng	100
8) 2-Chlorophenol	6.581	128	409967	53.991	ng	100
9) Benzaldehyde	6.345	77	308363	50.188	ng	100
10) Phenol	6.439	94	593061	53.998	ng	100
11) bis(2-Chloroethyl)ether	6.534	93	448318	53.092	ng	100
12) 1,3-Dichlorobenzene	6.739	146	407564	53.655	ng	100
13) 1,4-Dichlorobenzene	6.816	146	408330	53.954	ng	100
14) 1,2-Dichlorobenzene	6.969	146	373176	53.083	ng	100
15) Benzyl Alcohol	6.939	79	374815	55.152	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	709221	53.425	ng	100
17) 2-Methylphenol	7.051	107	357704	53.253	ng	100
18) Hexachloroethane	7.310	117	165855	55.815	ng	100
19) n-Nitroso-di-n-propyla...	7.216	70	287497	50.668	ng	100
20) 3+4-Methylphenols	7.204	107	400178	51.064	ng	100
22) Acetophenone	7.210	105	525497	51.122	ng	100
24) Nitrobenzene	7.381	77	470661	55.353	ng	100
25) Isophorone	7.622	82	805513	52.381	ng	100
26) 2-Nitrophenol	7.698	139	209461	56.600	ng	100
27) 2,4-Dimethylphenol	7.733	122	323898	54.261	ng	100
28) bis(2-Chloroethoxy)met...	7.833	93	534496	53.423	ng	100
29) 2,4-Dichlorophenol	7.939	162	286706	53.039	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	301757	53.610	ng	100
31) Naphthalene	8.104	128	1096849	52.976	ng	100
32) Benzoic acid	7.857	122	202767	63.366	ng	100
33) 4-Chloroaniline	8.151	127	464253	53.837	ng	100
34) Hexachlorobutadiene	8.228	225	146175	54.005	ng	100
35) Caprolactam	8.510	113	71014m	51.825	ng	
36) 4-Chloro-3-methylphenol	8.633	107	354328	53.561	ng	100
37) 2-Methylnaphthalene	8.792	142	653530	53.500	ng	100
38) 1-Methylnaphthalene	8.892	142	621317	52.700	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	225550	53.515	ng	100
41) Hexachlorocyclopentadiene	8.951	237	101970	65.159	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	170900	56.048	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	180524	54.392	ng	100
46) 1,1'-Biphenyl	9.263	154	765835	54.390	ng	100
47) 2-Chloronaphthalene	9.286	162	582242	54.200	ng	100
48) 2-Nitroaniline	9.375	65	240611	56.969	ng	100
49) Acenaphthylene	9.698	152	876909	53.939	ng	100
50) Dimethylphthalate	9.563	163	645383	53.423	ng	100
51) 2,6-Dinitrotoluene	9.622	165	142476	56.188	ng	100
52) Acenaphthene	9.869	154	581301	54.565	ng	100
53) 3-Nitroaniline	9.786	138	194603	55.227	ng	100
54) 2,4-Dinitrophenol	9.892	184	66822	66.536	ng	100
55) Dibenzofuran	10.045	168	782652	54.796	ng	100
56) 4-Nitrophenol	9.945	139	144966	58.831	ng	100
57) 2,4-Dinitrotoluene	10.022	165	189368	58.545	ng	100
58) Fluorene	10.386	166	535702	52.113	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	131738	56.095	ng	100
60) Diethylphthalate	10.257	149	629983	54.529	ng	100
61) 4-Chlorophenyl-phenyle...	10.374	204	235089	52.260	ng	100
62) 4-Nitroaniline	10.398	138	182392	54.921	ng	100
63) Azobenzene	10.539	77	819963	55.340	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	97871	64.219	ng	100
66) n-Nitrosodiphenylamine	10.498	169	500366	52.636	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	146567	54.372	ng	100
68) Hexachlorobenzene	10.933	284	167950	53.994	ng	100
69) Atrazine	11.021	200	93065	59.287	ng	100
70) Pentachlorophenol	11.127	266	88468	65.770	ng	100
71) Phenanthrene	11.345	178	822600	52.673	ng	100
72) Anthracene	11.398	178	820517	52.593	ng	100
73) Carbazole	11.551	167	802438	52.607	ng	100
74) Di-n-butylphthalate	11.886	149	933283	54.670	ng	100
75) Fluoranthene	12.533	202	752676	53.134	ng	100
77) Benzidine	12.651	184	154955	56.077	ng	100
78) Pyrene	12.763	202	768382	55.092	ng	100
80) Butylbenzylphthalate	13.380	149	347110	57.249	ng	100
81) Benzo(a)anthracene	13.945	228	518032	54.357	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	235927	54.676	ng	100
83) Chrysene	13.986	228	527889	54.448	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	347709	55.155	ng	100
85) Di-n-octyl phthalate	14.557	149	621413	57.159	ng	100
87) Indeno(1,2,3-cd)pyrene	16.815	276	541819	56.615	ng	100
88) Benzo(b)fluoranthene	14.980	252	445313	51.141	ng	100
89) Benzo(k)fluoranthene	15.009	252	475995	57.470	ng	100
90) Benzo(a)pyrene	15.333	252	395283	54.387	ng	100
91) Dibenzo(a,h)anthracene	16.833	278	436235	57.032	ng	100
92) Benzo(g,h,i)perylene	17.245	276	465446	56.422	ng	100

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

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