Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125068.D
Acq On : 17 Aug 2021 13:05
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
8/18/2021 4:30:59 PM

Quant Time: Aug 17 14:09:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 17 14:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	175312	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	665711	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	306770	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	552264	20.000	ng	#	0.00
76) Chrysene-d12	14.086	240	336492	20.000	ng		0.00
86) Perylene-d12	15.580	264	212589	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	499922	46.713	ng		0.00
7) Phenol-d6	6.534	99	612738	45.406	ng		0.00
23) Nitrobenzene-d5	7.481	82	511035	40.158	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	124288	45.349	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	888964	42.402	ng		0.00
79) Terphenyl-d14	13.033	244	832689	41.742	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	124468	31.087	ng	#	100
3) Pyridine	3.504	79	334956	36.003	ng		90
4) n-Nitrosodimethylamine	3.457	42	177820	26.915	ng	#	49
6) Aniline	6.581	93	378558m	26.557	ng		
8) 2-Chlorophenol	6.704	128	252183	21.482	ng		83
9) Benzaldehyde	6.469	77	232087	31.612	ng		92
10) Phenol	6.545	94	331229	23.789	ng		97
11) bis(2-Chloroethyl)ether	6.651	93	263207	25.198	ng		83
12) 1,3-Dichlorobenzene	6.863	146	267081	20.903	ng		97
13) 1,4-Dichlorobenzene	6.939	146	263878	20.659	ng		95
14) 1,2-Dichlorobenzene	7.092	146	250832	20.954	ng		96
15) Benzyl Alcohol	7.051	79	254865	26.183	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	578916	34.593	ng		98
17) 2-Methylphenol	7.157	107	224819	25.584	ng		98
18) Hexachloroethane	7.433	117	97884	19.573	ng		95
19) n-Nitroso-di-n-propyla...	7.328	70	200590	25.052	ng	#	85
20) 3+4-Methylphenols	7.310	107	284662	24.403	ng	#	81
22) Acetophenone	7.328	105	360540	22.114	ng	#	95
24) Nitrobenzene	7.498	77	288237	23.408	ng	#	87
25) Isophorone	7.739	82	536814	24.716	ng	#	90
26) 2-Nitrophenol	7.816	139	99893	15.975	ng	#	78
27) 2,4-Dimethylphenol	7.845	122	210878	23.790	ng		88
28) bis(2-Chloroethoxy)met...	7.945	93	294955	23.861	ng	#	96
29) 2,4-Dichlorophenol	8.051	162	192966	19.540	ng		94
30) 1,2,4-Trichlorobenzene	8.145	180	207091	18.712	ng		98
31) Naphthalene	8.228	128	711583	20.805	ng		98
32) Benzoic acid	7.928	122	123242	26.900	ng		89
33) 4-Chloroaniline	8.269	127	287268	22.538	ng	#	89
34) Hexachlorobutadiene	8.345	225	115995	17.551	ng		99
35) Caprolactam	8.622	113	66417	25.326	ng	#	53
36) 4-Chloro-3-methylphenol	8.739	107	231507	22.410	ng		91
37) 2-Methylnaphthalene	8.916	142	471312	20.495	ng		99
38) 1-Methylnaphthalene	9.016	142	448811	20.858	ng		97
40) 1,2,4,5-Tetrachloroben...	9.080	216	177356	20.142	ng		98
41) Hexachlorocyclopentadiene	9.069	237	88778	41.513	ng		98
43) 2,4,6-Trichlorophenol	9.186	196	132279	22.567	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	141082	23.777	ng		94
46) 1,1'-Biphenyl	9.380	154	551829	24.139	ng		97
47) 2-Chloronaphthalene	9.404	162	420107	23.099	ng		100
48) 2-Nitroaniline	9.498	65	136081	25.471	ng		86
49) Acenaphthylene	9.822	152	683362	24.736	ng		99
50) Dimethylphthalate	9.675	163	461092	22.180	ng		97
51) 2,6-Dinitrotoluene	9.739	165	89510	19.336	ng	#	79
52) Acenaphthene	9.992	154	409332	24.440	ng		97
53) 3-Nitroaniline	9.904	138	112721	23.119	ng	#	75
54) 2,4-Dinitrophenol	10.004	184	28859	14.285	ng	#	21
55) Dibenzofuran	10.163	168	610052	23.307	ng		97
56) 4-Nitrophenol	10.045	139	94111	29.282	ng	#	69
57) 2,4-Dinitrotoluene	10.139	165	108242	17.223	ng	#	96
58) Fluorene	10.510	166	442479	22.047	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.274	232	103927	23.344	ng	#	99
60) Diethylphthalate	10.374	149	495669	23.234	ng		98
61) 4-Chlorophenyl-phenyle...	10.498	204	201141	21.222	ng		93
62) 4-Nitroaniline	10.516	138	101560	21.455	ng	#	82
63) Azobenzene	10.657	77	558788	26.785	ng		89
65) 4,6-Dinitro-2-methylph...	10.545	198	42681	12.336	ng		99
66) n-Nitrosodiphenylamine	10.616	169	400488	22.374	ng		96
67) 4-Bromophenyl-phenylether	10.992	248	118674	19.619	ng		95
68) Hexachlorobenzene	11.051	284	128968	19.598	ng		96
69) Atrazine	11.139	200	106542	19.808	ng		94
70) Pentachlorophenol	11.245	266	77776	27.649	ng		96
71) Phenanthrene	11.469	178	622796	20.789	ng		97
72) Anthracene	11.521	178	620843	20.658	ng		99
73) Carbazole	11.674	167	648805	23.541	ng		99
74) Di-n-butylphthalate	12.004	149	740283	21.135	ng		100
75) Fluoranthene	12.657	202	644300	20.789	ng		94
77) Benzidine	12.774	184	260575	28.942	ng		99
78) Pyrene	12.886	202	648538	24.469	ng		99
80) Butylbenzylphthalate	13.504	149	273621	23.198	ng		90
81) Benzo(a)anthracene	14.074	228	441387	20.129	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	148329	25.658	ng		99
83) Chrysene	14.110	228	447219	21.097	ng		97
84) Bis(2-ethylhexyl)phtha...	14.062	149	330467	20.197	ng		99
85) Di-n-octyl phthalate	14.680	149	483143	18.716	ng		97
87) Indeno(1,2,3-cd)pyrene	17.080	276	115489	9.123	ng		92
88) Benzo(b)fluoranthene	15.139	252	284537	19.062	ng		98
89) Benzo(k)fluoranthene	15.168	252	287366	21.163	ng	#	95
90) Benzo(a)pyrene	15.515	252	230808	18.158	ng		96
91) Dibenzo(a,h)anthracene	17.103	278	110013	9.884	ng		100
92) Benzo(g,h,i)perylene	17.533	276	85757	8.032	ng		95

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

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