Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
Data File : BF124497.D
Acq On : 30 Jun 2021 17:39
Operator : JU/CG
Sample : M2896-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-03MS

Manual Integrations APPROVED
mohammad
7/1/2021 2:51:57 PM

Quant Time: Jul 01 05:14:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 29 12:49:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.692	152	33479	20.000	ng		0.00
21) Naphthalene-d8	7.975	136	132143	20.000	ng	#	0.00
39) Acenaphthene-d10	9.728	164	80429	20.000	ng		0.00
64) Phenanthrene-d10	11.216	188	156226	20.000	ng		0.00
76) Chrysene-d12	13.863	240	113976	20.000	ng		0.00
86) Perylene-d12	15.286	264	80883	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	251427	118.109	ng		0.02
7) Phenol-d6	6.351	99	286602	103.112	ng		0.00
23) Nitrobenzene-d5	7.263	82	254629	79.895	ng		0.00
42) 2,4,6-Tribromophenol	10.527	330	139422	145.093	ng		0.00
45) 2-Fluorobiphenyl	9.051	172	529736	80.682	ng		0.00
79) Terphenyl-d14	12.804	244	743224	97.669	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	30981	33.845	ng	#	71
3) Pyridine	3.169	79	45311	22.573	ng	#	74
4) n-Nitrosodimethylamine	3.087	42	41615	38.428	ng	#	69
6) Aniline	6.363	93	35526	11.441	ng	#	1
8) 2-Chlorophenol	6.487	128	102848	43.473	ng		89
9) Benzaldehyde	6.245	77	61147	47.258	ng		96
10) Phenol	6.363	94	103456	34.423	ng		89
11) bis(2-Chloroethyl)ether	6.434	93	98665	45.393	ng		93
12) 1,3-Dichlorobenzene	6.634	146	113224	39.403	ng	#	93
13) 1,4-Dichlorobenzene	6.710	146	120215	41.259	ng		94
14) 1,2-Dichlorobenzene	6.863	146	114580	41.757	ng		97
15) Benzyl Alcohol	6.851	79	101181	42.438	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.975	45	112656	40.402	ng	#	1
17) 2-Methylphenol	6.969	107	85051	44.926	ng	#	85
18) Hexachloroethane	7.198	117	43551	41.026	ng	#	87
19) n-Nitroso-di-n-propyla...	7.116	70	81887	43.807	ng	#	75
20) 3+4-Methylphenols	7.128	107	106081	42.929	ng	#	71
22) Acetophenone	7.110	105	157136	42.717	ng	#	83
24) Nitrobenzene	7.287	77	121311	38.101	ng		97
25) Isophorone	7.522	82	212644	38.808	ng	#	94
26) 2-Nitrophenol	7.598	139	60787	39.251	ng		90
27) 2,4-Dimethylphenol	7.645	122	93157	45.129	ng		94
28) bis(2-Chloroethoxy)met...	7.734	93	126124	45.411	ng		99
29) 2,4-Dichlorophenol	7.851	162	98591	40.235	ng		92
30) 1,2,4-Trichlorobenzene	7.916	180	107499	38.683	ng		97
31) Naphthalene	7.998	128	305277	39.267	ng		98
32) Benzoic acid	7.816	122	46920m	40.288	ng		
33) 4-Chloroaniline	8.069	127	16432m	5.627	ng		
34) Hexachlorobutadiene	8.110	225	67413	36.284	ng		99
35) Caprolactam	8.445	113	24885m	38.754	ng		
36) 4-Chloro-3-methylphenol	8.557	107	104331	42.154	ng		89
37) 2-Methylnaphthalene	8.686	142	227090	41.278	ng		99
38) 1-Methylnaphthalene	8.786	142	212785	41.583	ng		99
40) 1,2,4,5-Tetrachloroben...	8.857	216	117497	40.650	ng	#	97
41) Hexachlorocyclopentadiene	8.839	237	49024	218.583	ng		97
43) 2,4,6-Trichlorophenol	8.981	196	71705	39.531	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.028	196	75611	39.506	ng	#	89
46) 1,1'-Biphenyl	9.151	154	288111	42.147	ng		98
47) 2-Chloronaphthalene	9.181	162	221981	39.699	ng		93
48) 2-Nitroaniline	9.286	65	80560	43.796	ng		97
49) Acenaphthylene	9.592	152	339483	42.002	ng		96
50) Dimethylphthalate	9.463	163	291290	45.936	ng	#	99
51) 2,6-Dinitrotoluene	9.528	165	66217	45.206	ng	#	84
52) Acenaphthene	9.763	154	216885	42.260	ng		93
53) 3-Nitroaniline	9.698	138	23912	18.442	ng	#	93
54) 2,4-Dinitrophenol	9.822	184	62571	93.906	ng	#	81
55) Dibenzofuran	9.939	168	346228	42.326	ng		97
56) 4-Nitrophenol	9.892	139	50944	74.895	ng		92
57) 2,4-Dinitrotoluene	9.939	165	91888	47.326	ng	#	90
58) Fluorene	10.280	166	275421	43.820	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.069	232	62395	44.576	ng	#	96
60) Diethylphthalate	10.163	149	298042	47.235	ng		96
61) 4-Chlorophenyl-phenyle...	10.269	204	136884	43.946	ng		99
62) 4-Nitroaniline	10.322	138	57307	45.937	ng		90
63) Azobenzene	10.433	77	271195	43.178	ng		93
65) 4,6-Dinitro-2-methylph...	10.357	198	48593	43.393	ng	#	54
66) n-Nitrosodiphenylamine	10.398	169	247370	41.275	ng		96
67) 4-Bromophenyl-phenylether	10.757	248	85633	40.744	ng		91
68) Hexachlorobenzene	10.827	284	95022	41.612	ng	#	94
69) Atrazine	10.927	200	88080	56.965	ng		98
70) Pentachlorophenol	11.033	266	66315	115.942	ng		89
71) Phenanthrene	11.245	178	427420	43.401	ng		99
72) Anthracene	11.298	178	443197	45.167	ng		98
73) Carbazole	11.457	167	374980	43.848	ng		98
74) Di-n-butylphthalate	11.780	149	501188	49.216	ng		99
75) Fluoranthene	12.433	202	460922	46.509	ng		97
77) Benzidine	12.557	184	51924	22.732	ng		98
78) Pyrene	12.663	202	461550	44.364	ng		97
80) Butylbenzylphthalate	13.280	149	203927	49.362	ng	#	89
81) Benzo(a)anthracene	13.851	228	355720	43.289	ng		96
82) 3,3'-Dichlorobenzidine	13.810	252	38027	14.443	ng	#	91
83) Chrysene	13.892	228	338025	41.510	ng		96
84) Bis(2-ethylhexyl)phtha...	13.839	149	290465	52.477	ng		97
85) Di-n-octyl phthalate	14.451	149	391887	45.460	ng	#	87
87) Indeno(1,2,3-cd)pyrene	16.692	276	298831	46.850	ng		97
88) Benzo(b)fluoranthene	14.886	252	262994	42.909	ng		99
89) Benzo(k)fluoranthene	14.910	252	245383	43.760	ng		97
90) Benzo(a)pyrene	15.233	252	242497	44.523	ng		99
91) Dibenzo(a,h)anthracene	16.692	278	254424	46.307	ng	#	96
92) Benzo(g,h,i)perylene	17.109	276	237652	43.958	ng		98

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

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