Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102921\
Data File : BF126006.D
Acq On : 29 Oct 2021 15:37
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
11/1/2021 1:37:48 PM

Quant Time: Oct 29 17:19:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 29 17:15:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	235821	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	914386	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	524635	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	906362	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	565296	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	450876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1387192	87.620	ng	0.00
7) Phenol-d6	6.486	99	1906643	87.804	ng	0.00
23) Nitrobenzene-d5	7.422	82	1739118	98.242	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	458956	100.352	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2503701	84.394	ng	0.00
79) Terphenyl-d14	12.963	244	2740900	79.310	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	338401	43.744	ng	# 100
3) Pyridine	3.375	79	932149	45.508	ng	91
4) n-Nitrosodimethylamine	3.328	42	483903	36.833	ng	# 55
6) Aniline	6.522	93	1205479	47.130	ng	# 92
8) 2-Chlorophenol	6.645	128	716218	44.819	ng	81
9) Benzaldehyde	6.404	77	527610	40.605	ng	93
10) Phenol	6.504	94	1009942	48.236	ng	87
11) bis(2-Chloroethyl)ether	6.598	93	787053	46.679	ng	85
12) 1,3-Dichlorobenzene	6.798	146	772748	43.776	ng	97
13) 1,4-Dichlorobenzene	6.875	146	777628	44.037	ng	94
14) 1,2-Dichlorobenzene	7.028	146	711228	41.551	ng	94
15) Benzyl Alcohol	6.998	79	739955	45.012	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.133	45	1554436	37.644	ng	99
17) 2-Methylphenol	7.110	107	655906	47.520	ng	96
18) Hexachloroethane	7.369	117	305537	45.636	ng	94
19) n-Nitroso-di-n-propyla...	7.281	70	571444	46.060	ng	# 79
20) 3+4-Methylphenols	7.263	107	734307	41.618	ng	# 86
22) Acetophenone	7.269	105	1002213	42.452	ng	# 83
24) Nitrobenzene	7.439	77	876393	47.949	ng	# 86
25) Isophorone	7.681	82	1580515	46.883	ng	# 86
26) 2-Nitrophenol	7.757	139	380900	64.274	ng	# 75
27) 2,4-Dimethylphenol	7.792	122	598072	45.449	ng	90
28) bis(2-Chloroethoxy)met...	7.892	93	988312	46.728	ng	# 97
29) 2,4-Dichlorophenol	7.998	162	600681	46.567	ng	91
30) 1,2,4-Trichlorobenzene	8.081	180	669186	44.231	ng	98
31) Naphthalene	8.163	128	1998248	42.979	ng	100
32) Benzoic acid	7.928	122	536444	67.317	ng	# 83
33) 4-Chloroaniline	8.210	127	895298	46.728	ng	# 89
34) Hexachlorobutadiene	8.280	225	414756	43.620	ng	99
35) Caprolactam	8.592	113	210233m	49.786	ng	
36) 4-Chloro-3-methylphenol	8.686	107	706620	46.807	ng	86
37) 2-Methylnaphthalene	8.851	142	1330435	44.456	ng	91
38) 1-Methylnaphthalene	8.951	142	1278704	44.270	ng	90
40) 1,2,4,5-Tetrachloroben...	9.016	216	628692	43.501	ng	98
41) Hexachlorocyclopentadiene	9.010	237	360375	46.168	ng	97
43) 2,4,6-Trichlorophenol	9.127	196	456008	46.232	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	481394	46.260	ng		96
46) 1,1'-Biphenyl	9.316	154	1621496	42.197	ng		98
47) 2-Chloronaphthalene	9.339	162	1232517	42.542	ng		96
48) 2-Nitroaniline	9.433	65	543460	52.518	ng	#	74
49) Acenaphthylene	9.757	152	1879857	42.955	ng		97
50) Dimethylphthalate	9.622	163	1433272	44.103	ng		96
51) 2,6-Dinitrotoluene	9.675	165	341431	53.266	ng	#	68
52) Acenaphthene	9.927	154	1255188	44.133	ng		97
53) 3-Nitroaniline	9.845	138	383254	52.156	ng	#	65
54) 2,4-Dinitrophenol	9.945	184	176131	79.347	ng	#	74
55) Dibenzofuran	10.098	168	1803758	42.461	ng		97
56) 4-Nitrophenol	9.998	139	306512	53.678	ng	#	68
57) 2,4-Dinitrotoluene	10.080	165	440648	55.968	ng	#	95
58) Fluorene	10.445	166	1260805	39.808	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	402841	47.426	ng	#	86
60) Diethylphthalate	10.316	149	1451711	43.794	ng		98
61) 4-Chlorophenyl-phenyle...	10.433	204	628395	40.199	ng		88
62) 4-Nitroaniline	10.463	138	364790	54.105	ng	#	83
63) Azobenzene	10.592	77	1673838	43.780	ng		92
65) 4,6-Dinitro-2-methylph...	10.486	198	260403	73.093	ng		94
66) n-Nitrosodiphenylamine	10.551	169	1213319	44.693	ng		96
67) 4-Bromophenyl-phenylether	10.922	248	457280	47.229	ng		96
68) Hexachlorobenzene	10.992	284	480203	47.044	ng	#	81
69) Atrazine	11.080	200	396554	46.122	ng		92
70) Pentachlorophenol	11.180	266	296352	51.427	ng		93
71) Phenanthrene	11.404	178	1994656	42.412	ng		97
72) Anthracene	11.451	178	2011375	42.835	ng		98
73) Carbazole	11.604	167	1944271	43.557	ng		99
74) Di-n-butylphthalate	11.939	149	2187785	46.004	ng		99
75) Fluoranthene	12.586	202	2075098	43.769	ng		96
77) Benzidine	12.710	184	1011784	57.380	ng		98
78) Pyrene	12.815	202	2127831	40.448	ng		96
80) Butylbenzylphthalate	13.439	149	901473	52.679	ng	#	85
81) Benzo(a)anthracene	14.004	228	1606743	42.230	ng		98
82) 3,3'-Dichlorobenzidine	13.968	252	588380	48.772	ng	#	98
83) Chrysene	14.039	228	1689568	43.891	ng		96
84) Bis(2-ethylhexyl)phtha...	13.998	149	1008553	54.401	ng		99
85) Di-n-octyl phthalate	14.609	149	1755335	61.116	ng	#	97
87) Indeno(1,2,3-cd)pyrene	16.933	276	1348621	41.519	ng	#	91
88) Benzo(b)fluoranthene	15.051	252	1375842	46.230	ng	#	96
89) Benzo(k)fluoranthene	15.080	252	1351624	47.282	ng		99
90) Benzo(a)pyrene	15.415	252	1113688	46.354	ng	#	96
91) Dibenzo(a,h)anthracene	16.956	278	1089661	41.410	ng	#	94
92) Benzo(g,h,i)perylene	17.374	276	1131842	41.169	ng	#	89

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

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