Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102521\
Data File : BF125921.D
Acq On : 25 Oct 2021 17:06
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF102521

Manual Integrations APPROVED
mohammad
10/26/2021 11:33:23 AM

Quant Time: Oct 25 18:52:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	144567	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	545325	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	301415	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	524377	20.000	ng	0.00
76) Chrysene-d12	14.027	240	272932	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	231239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	743432	76.598	ng	0.00
7) Phenol-d6	6.493	99	968300	72.739	ng	0.00
23) Nitrobenzene-d5	7.434	82	878123	83.176	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	213945	81.423	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1343421	78.820	ng	0.00
79) Terphenyl-d14	12.980	244	1349847	80.899	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	181097	38.187	ng	# 100
3) Pyridine	3.393	79	486400	38.735	ng	# 82
4) n-Nitrosodimethylamine	3.328	42	311780	38.711	ng	# 79
6) Aniline	6.534	93	603113	38.464	ng	# 89
8) 2-Chlorophenol	6.657	128	379955	38.785	ng	# 80
9) Benzaldehyde	6.416	77	300161	37.682	ng	90
10) Phenol	6.504	94	492714	38.387	ng	82
11) bis(2-Chloroethyl)ether	6.604	93	400448	38.741	ng	# 79
12) 1,3-Dichlorobenzene	6.810	146	415085m	38.357	ng	
13) 1,4-Dichlorobenzene	6.887	146	415879	38.417	ng	93
14) 1,2-Dichlorobenzene	7.045	146	382506	36.452	ng	95
15) Benzyl Alcohol	7.010	79	397305	39.424	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	963241	38.051	ng	96
17) 2-Methylphenol	7.116	107	333000	39.354	ng	95
18) Hexachloroethane	7.387	117	159777	38.929	ng	91
19) n-Nitroso-di-n-propyla...	7.287	70	287552	37.808	ng	# 96
20) 3+4-Methylphenols	7.269	107	399131	36.900	ng	93
22) Acetophenone	7.281	105	538049	38.215	ng	# 85
24) Nitrobenzene	7.451	77	444960	40.820	ng	# 85
25) Isophorone	7.692	82	773665	38.481	ng	# 86
26) 2-Nitrophenol	7.769	139	171295	48.467	ng	# 73
27) 2,4-Dimethylphenol	7.804	122	303852	38.718	ng	86
28) bis(2-Chloroethoxy)met...	7.904	93	478804	37.959	ng	97
29) 2,4-Dichlorophenol	8.004	162	305616	39.727	ng	90
30) 1,2,4-Trichlorobenzene	8.092	180	346314	38.382	ng	96
31) Naphthalene	8.175	128	1054017	38.012	ng	98
32) Benzoic acid	7.910	122	236935	41.941	ng	# 83
33) 4-Chloroaniline	8.222	127	432949	37.890	ng	# 89
34) Hexachlorobutadiene	8.298	225	223786	39.464	ng	98
35) Caprolactam	8.592	113	102439	40.677	ng	# 28
36) 4-Chloro-3-methylphenol	8.692	107	355635	39.501	ng	85
37) 2-Methylnaphthalene	8.863	142	682967	38.266	ng	91
38) 1-Methylnaphthalene	8.963	142	660135	38.322	ng	90
40) 1,2,4,5-Tetrachloroben...	9.034	216	318089	38.309	ng	99
41) Hexachlorocyclopentadiene	9.022	237	184662	41.177	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	227528	40.151	ng	90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	241318	40.363	ng		96
46) 1,1'-Biphenyl	9.328	154	842872	38.179	ng		98
47) 2-Chloronaphthalene	9.351	162	633556	38.063	ng		96
48) 2-Nitroaniline	9.445	65	269136	45.269	ng	#	72
49) Acenaphthylene	9.769	152	960637	38.206	ng		98
50) Dimethylphthalate	9.634	163	714037	38.243	ng		97
51) 2,6-Dinitrotoluene	9.686	165	160524	43.589	ng	#	67
52) Acenaphthene	9.939	154	629648	38.534	ng		98
53) 3-Nitroaniline	9.857	138	181550	43.004	ng	#	75
54) 2,4-Dinitrophenol	9.957	184	60998	43.094	ng		90
55) Dibenzofuran	10.110	168	934632	38.295	ng		99
56) 4-Nitrophenol	9.998	139	143354	43.697	ng	#	55
57) 2,4-Dinitrotoluene	10.086	165	205226	45.370	ng	#	89
58) Fluorene	10.457	166	646419	41.715	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	197973	40.567	ng	#	90
60) Diethylphthalate	10.328	149	739417	38.825	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	318431	35.456	ng		93
62) 4-Nitroaniline	10.463	138	162648	41.989	ng		92
63) Azobenzene	10.610	77	851339	38.757	ng		96
65) 4,6-Dinitro-2-methylph...	10.492	198	100243	44.097	ng		88
66) n-Nitrosodiphenylamine	10.563	169	606113	38.590	ng		97
67) 4-Bromophenyl-phenylether	10.939	248	223102	39.828	ng		92
68) Hexachlorobenzene	11.004	284	233787	39.588	ng	#	85
69) Atrazine	11.092	200	199535	40.113	ng		94
70) Pentachlorophenol	11.192	266	145040	43.504	ng		95
71) Phenanthrene	11.416	178	1030335	37.867	ng		99
72) Anthracene	11.469	178	1044386	38.443	ng		98
73) Carbazole	11.616	167	986401	38.195	ng		99
74) Di-n-butylphthalate	11.957	149	1071085	38.929	ng		98
75) Fluoranthene	12.604	202	1035131	37.738	ng		97
77) Benzidine	12.722	184	325937	38.285	ng		98
78) Pyrene	12.833	202	1050772	41.370	ng		97
80) Butylbenzylphthalate	13.457	149	363780	44.030	ng		88
81) Benzo(a)anthracene	14.016	228	725594	39.500	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	226387	38.867	ng		99
83) Chrysene	14.051	228	728046	39.172	ng		97
84) Bis(2-ethylhexyl)phtha...	14.021	149	373975	41.780	ng		98
85) Di-n-octyl phthalate	14.633	149	588166	42.415	ng	#	92
87) Indeno(1,2,3-cd)pyrene	16.957	276	744437	44.687	ng	#	91
88) Benzo(b)fluoranthene	15.068	252	580998	38.065	ng	#	97
89) Benzo(k)fluoranthene	15.098	252	553300	37.740	ng		99
90) Benzo(a)pyrene	15.433	252	487308	39.548	ng	#	95
91) Dibenzo(a,h)anthracene	16.980	278	610192	45.214	ng	#	94
92) Benzo(g,h,i)perylene	17.404	276	646735	45.867	ng	#	89

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

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