Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125927.D
Acq On : 26 Oct 2021 11:00
Operator : JU/CG
Sample : PB140208BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB140208BSD

Manual Integrations APPROVED
mohammad
10/27/2021 11:48:45 AM

Quant Time: Oct 26 12:01:34 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	161404	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	646372	20.000	ng		# 0.00
39) Acenaphthene-d10	9.910	164	349654	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	598711	20.000	ng		0.00
76) Chrysene-d12	14.033	240	295388	20.000	ng		# 0.00
86) Perylene-d12	15.498	264	250386	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1192077	110.011	ng		0.00
7) Phenol-d6	6.498	99	1460215	98.249	ng		0.00
23) Nitrobenzene-d5	7.434	82	1008988	80.631	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	349147	114.546	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1521436	76.949	ng		0.00
79) Terphenyl-d14	12.980	244	1508699	83.545	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	169679	32.047	ng	#	100
3) Pyridine	3.440	79	417590	29.786	ng	#	85
4) n-Nitrosodimethylamine	3.369	42	373147	41.497	ng	#	71
6) Aniline	6.534	93	756779	43.229	ng	#	90
8) 2-Chlorophenol	6.651	128	474484	43.382	ng	#	73
9) Benzaldehyde	6.416	77	342693	38.534	ng		90
10) Phenol	6.510	94	577413m	40.293	ng		
11) bis(2-Chloroethyl)ether	6.604	93	492960	42.716	ng	#	77
12) 1,3-Dichlorobenzene	6.810	146	488294	40.415	ng	#	94
13) 1,4-Dichlorobenzene	6.887	146	494308	40.899	ng		95
14) 1,2-Dichlorobenzene	7.039	146	483159	41.241	ng		93
15) Benzyl Alcohol	7.010	79	461884	41.051	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1186272	41.974	ng		96
17) 2-Methylphenol	7.116	107	401145	42.462	ng		95
18) Hexachloroethane	7.387	117	197983	43.206	ng		91
19) n-Nitroso-di-n-propyla...	7.287	70	354840	41.788	ng	#	95
20) 3+4-Methylphenols	7.275	107	460230	38.110	ng	#	76
22) Acetophenone	7.281	105	654768	39.235	ng	#	83
24) Nitrobenzene	7.451	77	565635	43.779	ng	#	85
25) Isophorone	7.698	82	999136	41.927	ng	#	87
26) 2-Nitrophenol	7.769	139	213400	50.941	ng	#	70
27) 2,4-Dimethylphenol	7.804	122	412607	44.356	ng		90
28) bis(2-Chloroethoxy)met...	7.904	93	580015	38.795	ng	#	97
29) 2,4-Dichlorophenol	8.004	162	369088	40.477	ng		91
30) 1,2,4-Trichlorobenzene	8.092	180	425190	39.757	ng		98
31) Naphthalene	8.175	128	1304474	39.690	ng		98
32) Benzoic acid	7.916	122	285748	42.602	ng		89
33) 4-Chloroaniline	8.222	127	530172	39.145	ng	#	90
34) Hexachlorobutadiene	8.298	225	264235	39.312	ng		98
35) Caprolactam	8.592	113	130612m	43.756	ng		
36) 4-Chloro-3-methylphenol	8.698	107	431876	40.470	ng		88
37) 2-Methylnaphthalene	8.869	142	866673	40.967	ng		90
38) 1-Methylnaphthalene	8.963	142	798141	39.090	ng		88
40) 1,2,4,5-Tetrachloroben...	9.033	216	363808	37.771	ng		97
41) Hexachlorocyclopentadiene	9.028	237	495179	95.185	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	269837	41.048	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	283250	40.841	ng		96
46) 1,1'-Biphenyl	9.333	154	988498	38.598	ng		99
47) 2-Chloronaphthalene	9.357	162	769129	39.833	ng		96
48) 2-Nitroaniline	9.445	65	331452	48.059	ng	#	68
49) Acenaphthylene	9.769	152	1185507	40.645	ng		97
50) Dimethylphthalate	9.633	163	875348	40.415	ng		97
51) 2,6-Dinitrotoluene	9.686	165	207946	48.676	ng	#	62
52) Acenaphthene	9.945	154	826330	43.594	ng		98
53) 3-Nitroaniline	9.857	138	198730	40.579	ng	#	69
54) 2,4-Dinitrophenol	9.957	184	160473	88.702	ng	#	73
55) Dibenzofuran	10.116	168	1096969	38.746	ng		96
56) 4-Nitrophenol	10.010	139	326465	85.783	ng	#	48
57) 2,4-Dinitrotoluene	10.092	165	267448	50.969	ng	#	93
58) Fluorene	10.457	166	787057	44.032	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	236338	41.748	ng	#	89
60) Diethylphthalate	10.333	149	888105	40.199	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	378046	36.286	ng		89
62) 4-Nitroaniline	10.469	138	199146	44.318	ng		93
63) Azobenzene	10.610	77	1017189	39.919	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	113300	43.714	ng		96
66) n-Nitrosodiphenylamine	10.569	169	731543	40.794	ng		97
67) 4-Bromophenyl-phenylether	10.939	248	265818	41.562	ng		95
68) Hexachlorobenzene	11.004	284	278592	41.317	ng	#	89
69) Atrazine	11.098	200	253907	44.706	ng		90
70) Pentachlorophenol	11.192	266	312230	82.024	ng		93
71) Phenanthrene	11.416	178	1259913	40.555	ng		97
72) Anthracene	11.469	178	1290635	41.609	ng		98
73) Carbazole	11.622	167	1117783	37.909	ng		98
74) Di-n-butylphthalate	11.957	149	1287430	40.983	ng		99
75) Fluoranthene	12.604	202	1229849	39.270	ng		97
77) Benzidine	12.727	184	889917	96.583	ng		97
78) Pyrene	12.833	202	1235585	44.948	ng		97
80) Butylbenzylphthalate	13.457	149	421164	47.100	ng	#	83
81) Benzo(a)anthracene	14.021	228	824195	41.456	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	273144	43.330	ng		99
83) Chrysene	14.057	228	864220	42.964	ng		97
84) Bis(2-ethylhexyl)phtha...	14.021	149	445826	46.021	ng		100
85) Di-n-octyl phthalate	14.633	149	731706	48.755	ng	#	93
87) Indeno(1,2,3-cd)pyrene	16.962	276	919812	50.992	ng	#	92
88) Benzo(b)fluoranthene	15.068	252	757469	45.832	ng	#	98
89) Benzo(k)fluoranthene	15.098	252	681814	42.949	ng		97
90) Benzo(a)pyrene	15.439	252	708057	53.069	ng	#	95
91) Dibenzo(a,h)anthracene	16.992	278	763195	52.227	ng	#	93
92) Benzo(g,h,i)perylene	17.415	276	816512	53.480	ng	#	86

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

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