Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
Data File : BF124470.D
Acq On : 28 Jun 2021 15:40
Operator : JU/CG
Sample : PB137349BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137349BS

Manual Integrations APPROVED
mohammad
6/29/2021 2:28:42 PM

Quant Time: Jun 28 16:26:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 16:01:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	40123	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	149831	20.000	ng	# 0.00
39) Acenaphthene-d10	9.728	164	88696	20.000	ng	0.00
64) Phenanthrene-d10	11.216	188	163000	20.000	ng	0.00
76) Chrysene-d12	13.863	240	127614	20.000	ng	0.00
86) Perylene-d12	15.286	264	98175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	319217	125.123	ng	0.01
7) Phenol-d6	6.351	99	387567	116.347	ng	0.00
23) Nitrobenzene-d5	7.263	82	279584	77.369	ng	0.00
42) 2,4,6-Tribromophenol	10.528	330	137951	130.181	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	585893	80.918	ng	0.00
79) Terphenyl-d14	12.804	244	697496	81.864	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.416	88	37636	34.307	ng	# 85
3) Pyridine	3.140	79	82239	34.186	ng	# 73
4) n-Nitrosodimethylamine	3.081	42	56005	43.152	ng	88
6) Aniline	6.357	93	115639	31.074	ng	# 21
8) 2-Chlorophenol	6.487	128	122946	43.362	ng	89
9) Benzaldehyde	6.245	77	77155	49.756	ng	99
10) Phenol	6.363	94	148945	41.352	ng	# 67
11) bis(2-Chloroethyl)ether	6.434	93	119650	45.932	ng	89
12) 1,3-Dichlorobenzene	6.634	146	144224m	41.880	ng	
13) 1,4-Dichlorobenzene	6.710	146	147983m	42.379	ng	
14) 1,2-Dichlorobenzene	6.863	146	135499	41.204	ng	95
15) Benzyl Alcohol	6.851	79	111671	39.082	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.969	45	143664	42.991	ng	# 1
17) 2-Methylphenol	6.969	107	96940	42.727	ng	# 84
18) Hexachloroethane	7.198	117	55510	43.633	ng	# 85
19) n-Nitroso-di-n-propyla...	7.116	70	98412	43.930	ng	# 80
20) 3+4-Methylphenols	7.122	107	132424	44.715	ng	# 78
22) Acetophenone	7.110	105	179240	42.974	ng	# 89
24) Nitrobenzene	7.281	77	141903	39.307	ng	95
25) Isophorone	7.522	82	241789	38.918	ng	97
26) 2-Nitrophenol	7.598	139	70911	40.382	ng	88
27) 2,4-Dimethylphenol	7.645	122	106618	45.553	ng	94
28) bis(2-Chloroethoxy)met...	7.734	93	147470	46.829	ng	94
29) 2,4-Dichlorophenol	7.845	162	112763	40.586	ng	95
30) 1,2,4-Trichlorobenzene	7.922	180	126298	40.083	ng	99
31) Naphthalene	7.998	128	355283	40.304	ng	99
32) Benzoic acid	7.816	122	55088	41.462	ng	94
33) 4-Chloroaniline	8.057	127	34445	10.404	ng	96
34) Hexachlorobutadiene	8.110	225	83021	39.410	ng	98
35) Caprolactam	8.439	113	30174m	41.443	ng	
36) 4-Chloro-3-methylphenol	8.557	107	113564	40.468	ng	# 78
37) 2-Methylnaphthalene	8.692	142	257853	41.336	ng	93
38) 1-Methylnaphthalene	8.786	142	234520	40.420	ng	97
40) 1,2,4,5-Tetrachloroben...	8.857	216	136617	42.859	ng	# 97
41) Hexachlorocyclopentadiene	8.839	237	79643	322.005	ng	97
43) 2,4,6-Trichlorophenol	8.981	196	76553	38.270	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.028	196	76493	36.242	ng	#	87
46) 1,1'-Biphenyl	9.157	154	320129	42.466	ng		97
47) 2-Chloronaphthalene	9.181	162	249650	40.486	ng		95
48) 2-Nitroaniline	9.286	65	86667	42.725	ng		97
49) Acenaphthylene	9.592	152	372825	41.827	ng		97
50) Dimethylphthalate	9.463	163	304773	43.583	ng	#	99
51) 2,6-Dinitrotoluene	9.528	165	70262	43.496	ng		87
52) Acenaphthene	9.763	154	234371	41.410	ng		97
53) 3-Nitroaniline	9.698	138	34255	23.956	ng		99
54) 2,4-Dinitrophenol	9.822	184	52026	77.706	ng	#	82
55) Dibenzofuran	9.939	168	373837	41.442	ng		96
56) 4-Nitrophenol	9.892	139	60987	81.303	ng	#	88
57) 2,4-Dinitrotoluene	9.939	165	93390	43.616	ng	#	88
58) Fluorene	10.280	166	293905	42.402	ng		89
59) 2,3,4,6-Tetrachlorophenol	10.063	232	64848	42.011	ng	#	98
60) Diethylphthalate	10.163	149	320147	46.009	ng		98
61) 4-Chlorophenyl-phenyle...	10.275	204	153185	44.596	ng		91
62) 4-Nitroaniline	10.322	138	59742	43.425	ng		95
63) Azobenzene	10.433	77	290072	41.879	ng		93
65) 4,6-Dinitro-2-methylph...	10.351	198	42586	36.449	ng	#	69
66) n-Nitrosodiphenylamine	10.398	169	265982	42.536	ng		95
67) 4-Bromophenyl-phenylether	10.757	248	91715	41.824	ng		90
68) Hexachlorobenzene	10.827	284	103944	43.628	ng		96
69) Atrazine	10.927	200	91892	56.961	ng		99
70) Pentachlorophenol	11.033	266	55400	94.050	ng		97
71) Phenanthrene	11.245	178	440758	42.895	ng		99
72) Anthracene	11.292	178	451595	44.110	ng		100
73) Carbazole	11.457	167	381209	42.723	ng		97
74) Di-n-butylphthalate	11.780	149	503113	47.352	ng		98
75) Fluoranthene	12.433	202	470425	45.495	ng		97
77) Benzidine	12.557	184	197225	77.115	ng	#	95
78) Pyrene	12.663	202	468773	40.243	ng		99
80) Butylbenzylphthalate	13.274	149	210128	45.427	ng		95
81) Benzo(a)anthracene	13.851	228	387840	42.154	ng		98
82) 3,3'-Dichlorobenzidine	13.810	252	58962	20.002	ng	#	97
83) Chrysene	13.886	228	378947	41.562	ng		98
84) Bis(2-ethylhexyl)phtha...	13.839	149	297171	47.951	ng		96
85) Di-n-octyl phthalate	14.451	149	459782	47.636	ng	#	86
87) Indeno(1,2,3-cd)pyrene	16.686	276	312304	40.338	ng		96
88) Benzo(b)fluoranthene	14.880	252	353194	47.475	ng		96
89) Benzo(k)fluoranthene	14.910	252	302784	44.486	ng		99
90) Benzo(a)pyrene	15.227	252	303716	45.941	ng	#	98
91) Dibenzo(a,h)anthracene	16.692	278	262892	39.420	ng		98
92) Benzo(g,h,i)perylene	17.104	276	261850	39.903	ng		98

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

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