Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
Data File : BF124100.D
Acq On : 27 May 2021 19:26
Operator : JU/CG
Sample : M2537-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-016-ABCDMSD

Manual Integrations APPROVED
mohammad
5/28/2021 12:36:33 PM

Quant Time: May 28 03:06:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 13:12:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	43141	20.00	ng		0.00
21) Naphthalene-d8	8.163	136	164814	20.00	ng		# 0.00
39) Acenaphthene-d10	9.916	164	92584	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	153069	20.00	ng		0.00
76) Chrysene-d12	14.045	240	97663	20.00	ng		0.00
86) Perylene-d12	15.527	264	94138	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	318355	103.61	ng		0.02
7) Phenol-d6	6.516	99	404269	101.42	ng		0.00
23) Nitrobenzene-d5	7.445	82	302900	79.18	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	135835	122.15	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	547759	72.81	ng		0.00
79) Terphenyl-d14	12.992	244	518816	80.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	46475	34.44	ng		99
3) Pyridine	3.475	79	115010	33.02	ng		96
4) n-Nitrosodimethylamine	3.428	42	83817	37.05	ng		90
6) Aniline	6.540	93	138329	30.57	ng		97
8) 2-Chlorophenol	6.663	128	137628	43.04	ng		96
9) Benzaldehyde	6.428	77	100941	58.52	ng		92
10) Phenol	6.528	94	177137	43.97	ng		90
11) bis(2-Chloroethyl)ether	6.616	93	135416	43.25	ng		89
12) 1,3-Dichlorobenzene	6.822	146	158999	42.68	ng		95
13) 1,4-Dichlorobenzene	6.898	146	162555	42.65	ng		93
14) 1,2-Dichlorobenzene	7.051	146	152427	42.80	ng		96
15) Benzyl Alcohol	7.022	79	141359	41.06	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.157	45	227059	36.02	ng		93
17) 2-Methylphenol	7.134	107	110998	42.81	ng		92
18) Hexachloroethane	7.392	117	66249	46.90	ng	#	90
19) n-Nitroso-di-n-propyla...	7.292	70	116969	43.43	ng		90
20) 3+4-Methylphenols	7.287	107	144285	42.24	ng	#	82
22) Acetophenone	7.287	105	206134	44.04	ng	#	88
24) Nitrobenzene	7.463	77	164727	42.12	ng		96
25) Isophorone	7.698	82	288101	39.15	ng		97
26) 2-Nitrophenol	7.775	139	75514	51.32	ng		97
27) 2,4-Dimethylphenol	7.816	122	121120	42.99	ng		92
28) bis(2-Chloroethoxy)met...	7.910	93	164271	44.40	ng		99
29) 2,4-Dichlorophenol	8.022	162	122983	43.13	ng		93
30) 1,2,4-Trichlorobenzene	8.104	180	138491	43.20	ng		99
31) Naphthalene	8.186	128	393999	40.39	ng		98
32) Benzoic acid	7.939	122	52665	34.06	ng		84
33) 4-Chloroaniline	8.228	127	35363	9.52	ng		98
34) Hexachlorobutadiene	8.304	225	94937	45.23	ng		99
35) Caprolactam	8.604	113	32845m	42.30	ng		
36) 4-Chloro-3-methylphenol	8.716	107	126750	40.64	ng	#	85
37) 2-Methylnaphthalene	8.875	142	270698	40.95	ng		98
38) 1-Methylnaphthalene	8.975	142	247853	40.18	ng		96
40) 1,2,4,5-Tetrachloroben...	9.045	216	150880	45.18	ng		96
41) Hexachlorocyclopentadiene	9.033	237	171685	80.84	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	90424	41.73	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	93496	41.54	ng		96
46) 1,1'-Biphenyl	9.339	154	345300	42.34	ng		99
47) 2-Chloronaphthalene	9.363	162	266455	41.14	ng		97
48) 2-Nitroaniline	9.457	65	99231	45.37	ng		95
49) Acenaphthylene	9.780	152	390369	40.79	ng		97
50) Dimethylphthalate	9.639	163	320339	43.33	ng		100
51) 2,6-Dinitrotoluene	9.704	165	70811	47.36	ng	#	79
52) Acenaphthene	9.951	154	244374	37.30	ng		96
53) 3-Nitroaniline	9.869	138	27336	18.40	ng		97
54) 2,4-Dinitrophenol	9.980	184	52577	66.75	ng		90
55) Dibenzofuran	10.128	168	383986	40.81	ng		97
56) 4-Nitrophenol	10.033	139	95667	77.84	ng		91
57) 2,4-Dinitrotoluene	10.110	165	90784	49.51	ng		94
58) Fluorene	10.469	166	297124	41.91	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.245	232	71291	38.52	ng	#	99
60) Diethylphthalate	10.339	149	324226	44.28	ng		96
61) 4-Chlorophenyl-phenyle...	10.457	204	154962	43.61	ng		97
62) 4-Nitroaniline	10.486	138	60321	40.82	ng	#	79
63) Azobenzene	10.616	77	321461	39.48	ng		93
65) 4,6-Dinitro-2-methylph...	10.516	198	39763	41.19	ng	#	71
66) n-Nitrosodiphenylamine	10.580	169	257330	44.00	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	90612	45.04	ng	#	84
68) Hexachlorobenzene	11.016	284	109597	48.80	ng		98
69) Atrazine	11.104	200	90513	54.79	ng		95
70) Pentachlorophenol	11.210	266	98454	73.95	ng		95
71) Phenanthrene	11.433	178	419420	43.23	ng		98
72) Anthracene	11.480	178	432544	44.00	ng		98
73) Carbazole	11.633	167	347610	40.42	ng		97
74) Di-n-butylphthalate	11.963	149	482067	44.79	ng		99
75) Fluoranthene	12.621	202	403164	40.14	ng		96
77) Benzidine	12.739	184	163159	69.24	ng	#	96
78) Pyrene	12.851	202	388010	44.75	ng		97
80) Butylbenzylphthalate	13.463	149	163526	48.10	ng		97
81) Benzo(a)anthracene	14.039	228	288497	40.85	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	57623	26.26	ng		93
83) Chrysene	14.074	228	277301	40.82	ng		95
84) Bis(2-ethylhexyl)phtha...	14.021	149	228854	47.70	ng		94
85) Di-n-octyl phthalate	14.639	149	339748	46.84	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.039	276	350079	48.15	ng		98
88) Benzo(b)fluoranthene	15.098	252	290672	39.92	ng		97
89) Benzo(k)fluoranthene	15.127	252	279186	42.07	ng		96
90) Benzo(a)pyrene	15.468	252	280394	44.54	ng		98
91) Dibenzo(a,h)anthracene	17.051	278	293272	47.90	ng		98
92) Benzo(g,h,i)perylene	17.492	276	288334	46.96	ng		97

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

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