Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
Data File : BF124324.D
Acq On : 15 Jun 2021 15:50
Operator : JU/CG
Sample : M2673-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
17-B6(88-92)MSD

Manual Integrations APPROVED
mohammad
6/16/2021 3:53:43 PM

Quant Time: Jun 15 16:18:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 15:00:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	33540	20.00	ng		0.00
21) Naphthalene-d8	8.069	136	133197	20.00	ng		0.00
39) Acenaphthene-d10	9.827	164	77507	20.00	ng		0.00
64) Phenanthrene-d10	11.316	188	143535	20.00	ng		0.00
76) Chrysene-d12	13.962	240	72800	20.00	ng		0.00
86) Perylene-d12	15.415	264	82301	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	282125	126.62	ng		0.02
7) Phenol-d6	6.445	99	311426	103.99	ng		0.00
23) Nitrobenzene-d5	7.357	82	286031	85.17	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	127901	116.48	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	532240	86.41	ng		0.00
79) Terphenyl-d14	12.904	244	485786	91.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	37720	38.68	ng	#	76
3) Pyridine	3.463	79	57298m	22.94	ng		
4) n-Nitrosodimethylamine	3.287	42	57123	38.50	ng		100
6) Aniline	6.522	93	108510	31.72	ng	#	53
8) 2-Chlorophenol	6.586	128	112187	45.25	ng		95
9) Benzaldehyde	6.339	77	73182	54.97	ng		89
10) Phenol	6.457	94	114067	35.24	ng		91
11) bis(2-Chloroethyl)ether	6.522	93	108510	45.99	ng		93
12) 1,3-Dichlorobenzene	6.728	146	116673m	40.26	ng		
13) 1,4-Dichlorobenzene	6.804	146	117834	40.53	ng		96
14) 1,2-Dichlorobenzene	6.957	146	113067	40.66	ng		99
15) Benzyl Alcohol	6.939	79	79040	29.28	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.063	45	154315	41.92	ng	#	1
17) 2-Methylphenol	7.063	107	91281	45.29	ng	#	80
18) Hexachloroethane	7.292	117	47488	41.48	ng		93
19) n-Nitroso-di-n-propyla...	7.210	70	97078	45.92	ng	#	81
20) 3+4-Methylphenols	7.216	107	117989	44.18	ng	#	66
22) Acetophenone	7.198	105	172789	45.51	ng	#	90
24) Nitrobenzene	7.375	77	146102	43.37	ng		95
25) Isophorone	7.616	82	241992	39.99	ng		95
26) 2-Nitrophenol	7.692	139	64304	42.73	ng	#	85
27) 2,4-Dimethylphenol	7.739	122	101327	47.75	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	138217	46.07	ng		99
29) 2,4-Dichlorophenol	7.951	162	107360	43.72	ng		92
30) 1,2,4-Trichlorobenzene	8.010	180	109334	39.73	ng		95
31) Naphthalene	8.092	128	323643	40.64	ng		98
32) Benzoic acid	7.863	122	21283	16.34	ng		83
33) 4-Chloroaniline	8.204	127	13391	4.52	ng	#	85
34) Hexachlorobutadiene	8.210	225	73203	37.66	ng		95
35) Caprolactam	8.533	113	20204m	29.95	ng		
36) 4-Chloro-3-methylphenol	8.651	107	107702	40.09	ng		95
37) 2-Methylnaphthalene	8.786	142	236871	42.42	ng		98
38) 1-Methylnaphthalene	8.886	142	219319	42.03	ng		92
40) 1,2,4,5-Tetrachloroben...	8.951	216	126050	45.90	ng		97
41) Hexachlorocyclopentadiene	8.939	237	120526	80.83	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	78686	43.93	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	83529	43.44	ng	#	88
46) 1,1'-Biphenyl	9.251	154	294343	44.99	ng		98
47) 2-Chloronaphthalene	9.274	162	230838	43.35	ng		96
48) 2-Nitroaniline	9.380	65	83961	43.69	ng		95
49) Acenaphthylene	9.692	152	335871	43.39	ng		96
50) Dimethylphthalate	9.557	163	306041	47.73	ng		100
51) 2,6-Dinitrotoluene	9.622	165	62808	42.72	ng	#	82
52) Acenaphthene	9.863	154	214299	42.38	ng		96
53) 3-Nitroaniline	9.792	138	23779	17.28	ng		91
54) 2,4-Dinitrophenol	9.910	184	47910	64.45	ng	#	82
55) Dibenzofuran	10.033	168	344099	43.48	ng		98
56) 4-Nitrophenol	9.980	139	55874	56.81	ng		90
57) 2,4-Dinitrotoluene	10.027	165	86942	44.84	ng	#	88
58) Fluorene	10.380	166	260173	42.83	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.163	232	62822	40.32	ng		95
60) Diethylphthalate	10.257	149	278985	43.11	ng		96
61) 4-Chlorophenyl-phenyle...	10.369	204	133399	42.95	ng		97
62) 4-Nitroaniline	10.416	138	49838	36.02	ng		90
63) Azobenzene	10.533	77	278953	41.35	ng		93
65) 4,6-Dinitro-2-methylph...	10.439	198	36982	32.06	ng	#	75
66) n-Nitrosodiphenylamine	10.492	169	227918	41.79	ng		97
67) 4-Bromophenyl-phenylether	10.857	248	81745	41.49	ng	#	81
68) Hexachlorobenzene	10.927	284	92805	41.59	ng		95
69) Atrazine	11.027	200	73574	47.66	ng		92
70) Pentachlorophenol	11.127	266	50500	45.11	ng		96
71) Phenanthrene	11.345	178	385961	43.05	ng		98
72) Anthracene	11.392	178	389878	43.18	ng		99
73) Carbazole	11.551	167	308140	39.16	ng		98
74) Di-n-butylphthalate	11.880	149	420748	41.60	ng		99
75) Fluoranthene	12.533	202	352946	37.50	ng		98
77) Benzidine	12.651	184	38042	24.59	ng	#	91
78) Pyrene	12.762	202	338807	48.47	ng		98
80) Butylbenzylphthalate	13.374	149	119681	42.20	ng		96
81) Benzo(a)anthracene	13.951	228	225734	42.56	ng		97
82) 3,3'-Dichlorobenzidine	13.909	252	35617	22.89	ng	#	99
83) Chrysene	13.986	228	218978	42.80	ng		96
84) Bis(2-ethylhexyl)phtha...	13.939	149	158505	46.99	ng		93
85) Di-n-octyl phthalate	14.551	149	244992	54.42	ng	#	93
87) Indeno(1,2,3-cd)pyrene	16.880	276	272701	40.55	ng		99
88) Benzo(b)fluoranthene	14.998	252	240569	37.63	ng		99
89) Benzo(k)fluoranthene	15.027	252	230460	38.08	ng		99
90) Benzo(a)pyrene	15.362	252	236205	42.54	ng	#	96
91) Dibenzo(a,h)anthracene	16.886	278	225822	39.45	ng		98
92) Benzo(g,h,i)perylene	17.309	276	210493	37.40	ng		93

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

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