Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
Data File : BF124606.D
Acq On : 16 Jul 2021 20:38
Operator : JU/CG
Sample : M3029-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVR-CF01-01MSD

Manual Integrations APPROVED
mohammad
7/19/2021 11:54:55 AM

Quant Time: Jul 16 23:08:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 07:49:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	6414	20.00	ng	0.00
21) Naphthalene-d8	8.210	136	26758	20.00	ng	# 0.00
39) Acenaphthene-d10	9.969	164	14351	20.00	ng	0.00
64) Phenanthrene-d10	11.457	188	21086	20.00	ng	0.00
76) Chrysene-d12	14.098	240	11946	20.00	ng	0.00
86) Perylene-d12	15.592	264	10729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	38395	103.71	ng	0.00
7) Phenol-d6	6.551	99	44817	99.52	ng	0.00
23) Nitrobenzene-d5	7.492	82	27642	65.21	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	10226	91.57	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	49796	50.60	ng	0.00
79) Terphenyl-d14	13.039	244	27888	39.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	5963	48.29	ng	# 100
3) Pyridine	3.540	79	13327	42.91	ng	91
4) n-Nitrosodimethylamine	3.510	42	14055	55.68	ng	93
6) Aniline	6.587	93	23311	49.13	ng	97
8) 2-Chlorophenol	6.710	128	23244	56.01	ng	95
9) Benzaldehyde	6.475	77	11604	43.92	ng	92
10) Phenol	6.563	94	25662	58.36	ng	99
11) bis(2-Chloroethyl)ether	6.663	93	19804	58.10	ng	99
12) 1,3-Dichlorobenzene	6.869	146	25740	56.66	ng	97
13) 1,4-Dichlorobenzene	6.945	146	25401	54.75	ng	98
14) 1,2-Dichlorobenzene	7.098	146	24967	56.62	ng	98
15) Benzyl Alcohol	7.069	79	16718	53.65	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.198	45	34533	58.78	ng	95
17) 2-Methylphenol	7.175	107	17577	57.86	ng	93
18) Hexachloroethane	7.439	117	9496	54.35	ng	94
19) n-Nitroso-di-n-propyla...	7.345	70	14455	57.09	ng	# 99
20) 3+4-Methylphenols	7.328	107	22579	56.45	ng	95
22) Acetophenone	7.339	105	31454	51.80	ng	97
24) Nitrobenzene	7.510	77	21482	51.11	ng	98
25) Isophorone	7.751	82	38876	49.96	ng	95
26) 2-Nitrophenol	7.828	139	12927	57.02	ng	95
27) 2,4-Dimethylphenol	7.857	122	22337	59.46	ng	93
28) bis(2-Chloroethoxy)met...	7.957	93	26074	57.44	ng	98
29) 2,4-Dichlorophenol	8.063	162	20584	53.12	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	21581	50.32	ng	99
31) Naphthalene	8.233	128	72253	52.21	ng	98
32) Benzoic acid	7.986	122	13067	46.03	ng	97
33) 4-Chloroaniline	8.275	127	18458	35.29	ng	98
34) Hexachlorobutadiene	8.351	225	12934	53.43	ng	94
35) Caprolactam	8.663	113	5839m	59.57	ng	
36) 4-Chloro-3-methylphenol	8.757	107	21271	55.51	ng	99
37) 2-Methylnaphthalene	8.928	142	48824	52.28	ng	99
38) 1-Methylnaphthalene	9.028	142	44945	51.24	ng	97
40) 1,2,4,5-Tetrachloroben...	9.092	216	21456	56.06	ng	97
41) Hexachlorocyclopentadiene	9.081	237	24982	104.48	ng	95
43) 2,4,6-Trichlorophenol	9.198	196	15652	56.64	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	15845	55.60	ng		97
46) 1,1'-Biphenyl	9.392	154	58141	53.34	ng		99
47) 2-Chloronaphthalene	9.416	162	44547	52.13	ng		95
48) 2-Nitroaniline	9.510	65	11575	56.33	ng		90
49) Acenaphthylene	9.833	152	70806	53.10	ng		99
50) Dimethylphthalate	9.692	163	56418	56.50	ng	#	96
51) 2,6-Dinitrotoluene	9.751	165	11609	58.98	ng		91
52) Acenaphthene	10.010	154	49797	58.40	ng		100
53) 3-Nitroaniline	9.922	138	10586	48.20	ng	#	99
54) 2,4-Dinitrophenol	10.028	184	11493	111.90	ng		90
55) Dibenzofuran	10.180	168	66232	52.83	ng		95
56) 4-Nitrophenol	10.080	139	16962	92.79	ng		98
57) 2,4-Dinitrotoluene	10.157	165	15422	57.23	ng	#	90
58) Fluorene	10.522	166	49461	51.00	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.292	232	11681	53.07	ng	#	99
60) Diethylphthalate	10.392	149	58158	55.71	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	24171	54.91	ng		97
62) 4-Nitroaniline	10.539	138	10615	47.95	ng		90
63) Azobenzene	10.675	77	46940	51.44	ng		94
65) 4,6-Dinitro-2-methylph...	10.563	198	7121	59.12	ng		89
66) n-Nitrosodiphenylamine	10.633	169	42841	62.40	ng		96
67) 4-Bromophenyl-phenylether	11.004	248	13240	60.72	ng		88
68) Hexachlorobenzene	11.069	284	13924	62.33	ng	#	90
69) Atrazine	11.157	200	12933	61.50	ng		96
70) Pentachlorophenol	11.257	266	14675	103.86	ng		94
71) Phenanthrene	11.486	178	64069	55.69	ng		100
72) Anthracene	11.539	178	64299	55.71	ng		98
73) Carbazole	11.686	167	50680	47.52	ng		99
74) Di-n-butylphthalate	12.016	149	83864	58.38	ng		99
75) Fluoranthene	12.674	202	52579	45.30	ng		96
77) Benzidine	12.786	184	3153	7.06	ng	#	87
78) Pyrene	12.904	202	52506	52.90	ng		100
80) Butylbenzylphthalate	13.516	149	26275	54.75	ng		97
81) Benzo(a)anthracene	14.086	228	43077	54.37	ng		100
82) 3,3'-Dichlorobenzidine	14.051	252	12965	62.47	ng		98
83) Chrysene	14.127	228	41933	55.25	ng		98
84) Bis(2-ethylhexyl)phtha...	14.074	149	40680	63.14	ng		99
85) Di-n-octyl phthalate	14.692	149	73090	78.40	ng		97
87) Indeno(1,2,3-cd)pyrene	17.109	276	29707	47.74	ng		98
88) Benzo(b)fluoranthene	15.157	252	42398	55.06	ng		98
89) Benzo(k)fluoranthene	15.186	252	39623	56.08	ng	#	97
90) Benzo(a)pyrene	15.533	252	36470	57.37	ng		98
91) Dibenzo(a,h)anthracene	17.133	278	25032	47.26	ng		99
92) Benzo(g,h,i)perylene	17.568	276	22815	44.12	ng	#	91

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

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