Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
Data File : BF124039.D
Acq On : 24 May 2021 16:07
Operator : JU/CG
Sample : M2489-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
359MS

Manual Integrations APPROVED
mohammad
5/25/2021 11:18:02 AM

Quant Time: May 24 16:26:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	54103	20.00	ng		-0.01
21) Naphthalene-d8	8.175	136	199080	20.00	ng		#-0.01
39) Acenaphthene-d10	9.933	164	114226	20.00	ng		-0.01
64) Phenanthrene-d10	11.422	188	193392	20.00	ng		# 0.00
76) Chrysene-d12	14.074	240	130198	20.00	ng		0.00
86) Perylene-d12	15.568	264	129784	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	78866	20.47	ng		0.00
7) Phenol-d6	6.522	99	251397	50.29	ng		0.00
23) Nitrobenzene-d5	7.457	82	272320	58.94	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	7180	5.23	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	510492	55.00	ng		-0.01
79) Terphenyl-d14	13.010	244	466198	54.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	47780	28.23	ng		97
3) Pyridine	3.457	79	127238	29.13	ng		96
4) n-Nitrosodimethylamine	3.416	42	99076	34.92	ng		93
6) Aniline	6.551	93	125921	22.19	ng		98
8) 2-Chlorophenol	6.675	128	158824	39.60	ng		98
9) Benzaldehyde	6.440	77	123088	56.91	ng		91
10) Phenol	6.534	94	202332	40.05	ng		92
11) bis(2-Chloroethyl)ether	6.622	93	158085	40.26	ng		94
12) 1,3-Dichlorobenzene	6.834	146	180308	38.60	ng		94
13) 1,4-Dichlorobenzene	6.910	146	181880	38.05	ng		94
14) 1,2-Dichlorobenzene	7.063	146	171963	38.50	ng		96
15) Benzyl Alcohol	7.034	79	170921	39.59	ng		90
16) 2,2'-oxybis(1-Chloropr...	7.169	45	299116	37.84	ng		98
17) 2-Methylphenol	7.145	107	135919	41.80	ng		95
18) Hexachloroethane	7.404	117	72424	40.88	ng		90
19) n-Nitroso-di-n-propyla...	7.304	70	136291	40.35	ng		100
20) 3+4-Methylphenols	7.298	107	175076	40.87	ng	#	80
22) Acetophenone	7.304	105	241963	42.80	ng	#	98
24) Nitrobenzene	7.475	77	196458	41.58	ng		96
25) Isophorone	7.716	82	347463	39.09	ng		97
26) 2-Nitrophenol	7.792	139	86674	48.77	ng		95
27) 2,4-Dimethylphenol	7.828	122	146610	43.08	ng		91
28) bis(2-Chloroethoxy)met...	7.922	93	196647	44.00	ng		99
29) 2,4-Dichlorophenol	8.034	162	146611	42.56	ng		92
30) 1,2,4-Trichlorobenzene	8.116	180	158842	41.02	ng		98
31) Naphthalene	8.198	128	470342	39.92	ng		99
32) Benzoic acid	7.951	122	74945	40.13	ng		97
33) 4-Chloroaniline	8.239	127	31043	6.92	ng		97
34) Hexachlorobutadiene	8.316	225	105682	41.68	ng		98
35) Caprolactam	8.628	113	47368m	50.51	ng		
36) 4-Chloro-3-methylphenol	8.728	107	161229	42.80	ng		88
37) 2-Methylnaphthalene	8.892	142	336471	42.13	ng		98
38) 1-Methylnaphthalene	8.992	142	310120	41.62	ng		92
40) 1,2,4,5-Tetrachloroben...	9.057	216	171565	41.64	ng		98
41) Hexachlorocyclopentadiene	9.045	237	200856	76.65	ng		96
43) 2,4,6-Trichlorophenol	9.169	196	109617	41.01	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	121399	43.72	ng	#	91
46) 1,1'-Biphenyl	9.357	154	440169	43.75	ng		100
47) 2-Chloronaphthalene	9.381	162	323845	40.53	ng		97
48) 2-Nitroaniline	9.475	65	128892	47.76	ng		95
49) Acenaphthylene	9.798	152	517465	43.83	ng		98
50) Dimethylphthalate	9.657	163	477847	52.39	ng		98
51) 2,6-Dinitrotoluene	9.716	165	91336	49.52	ng		90
52) Acenaphthene	9.969	154	417658m	51.68	ng		
53) 3-Nitroaniline	9.880	138	46616	25.43	ng		96
54) 2,4-Dinitrophenol	9.992	184	86283	86.38	ng		92
55) Dibenzofuran	10.139	168	524219	45.16	ng		98
56) 4-Nitrophenol	10.045	139	134137	88.46	ng		97
57) 2,4-Dinitrotoluene	10.122	165	117822	52.08	ng		92
58) Fluorene	10.486	166	441818	50.51	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.257	232	101854	44.60	ng		95
60) Diethylphthalate	10.357	149	418720	46.35	ng	#	94
61) 4-Chlorophenyl-phenyle...	10.475	204	196950	44.93	ng		95
62) 4-Nitroaniline	10.498	138	80757	44.29	ng		94
63) Azobenzene	10.633	77	414901	41.30	ng		94
65) 4,6-Dinitro-2-methylph...	10.528	198	57029	46.03	ng		94
66) n-Nitrosodiphenylamine	10.592	169	339175	45.90	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	118754	46.72	ng		94
68) Hexachlorobenzene	11.033	284	128975	45.46	ng		95
69) Atrazine	11.122	200	112683	53.99	ng		97
70) Pentachlorophenol	11.227	266	132210	78.60	ng		96
71) Phenanthrene	11.451	178	953703	77.81	ng		99
72) Anthracene	11.504	178	618963	49.83	ng		99
73) Carbazole	11.651	167	423776	39.00	ng		98
74) Di-n-butylphthalate	11.980	149	627817	46.17	ng		99
75) Fluoranthene	12.645	202	1047625	82.55	ng		100
77) Benzidine	12.757	184	161039	51.26	ng	#	95
78) Pyrene	12.874	202	912585	78.95	ng		98
80) Butylbenzylphthalate	13.486	149	209716	46.27	ng		96
81) Benzo(a)anthracene	14.063	228	659864	70.08	ng		98
82) 3,3'-Dichlorobenzidine	14.016	252	53995	18.46	ng	#	96
83) Chrysene	14.098	228	615721	67.99	ng		97
84) Bis(2-ethylhexyl)phtha...	14.045	149	313658	49.04	ng		95
85) Di-n-octyl phthalate	14.663	149	544850	56.35	ng		98
87) Indeno(1,2,3-cd)pyrene	17.080	276	437171	43.62	ng		96
88) Benzo(b)fluoranthene	15.139	252	999773m	99.58	ng		
89) Benzo(k)fluoranthene	15.168	252	545890	59.66	ng		100
90) Benzo(a)pyrene	15.515	252	643439	74.14	ng		98
91) Dibenzo(a,h)anthracene	17.098	278	305077	36.14	ng		98
92) Benzo(g,h,i)perylene	17.539	276	345855	40.86	ng		99

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

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