Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
Data File : BF124474.D
Acq On : 28 Jun 2021 18:01
Operator : JU/CG
Sample : M2824-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ABN-1MSD

Manual Integrations APPROVED
mohammad
6/29/2021 2:28:49 PM

Quant Time: Jun 29 05:11:16 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	37686	20.000	ng		-0.01
21) Naphthalene-d8	7.975	136	143032	20.000	ng		#-0.01
39) Acenaphthene-d10	9.727	164	87350	20.000	ng		-0.01
64) Phenanthrene-d10	11.216	188	161413	20.000	ng		-0.01
76) Chrysene-d12	13.862	240	106105	20.000	ng		0.00
86) Perylene-d12	15.286	264	75110	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	304738	127.171	ng		0.00
7) Phenol-d6	6.357	99	337975	108.020	ng		0.00
23) Nitrobenzene-d5	7.263	82	290471	84.203	ng		-0.02
42) 2,4,6-Tribromophenol	10.527	330	140536	134.664	ng		0.00
45) 2-Fluorobiphenyl	9.057	172	574011	80.499	ng		-0.01
79) Terphenyl-d14	12.804	244	674593	95.226	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.504	88	41938	40.700	ng	#	71
3) Pyridine	3.198	79	73908	32.709	ng	#	76
4) n-Nitrosodimethylamine	3.122	42	53704	44.055	ng		83
6) Aniline	6.369	93	50036	14.315	ng	#	1
8) 2-Chlorophenol	6.486	128	125449	47.106	ng		98
9) Benzaldehyde	6.251	77	56781	38.985	ng		95
10) Phenol	6.369	94	127383	37.653	ng		83
11) bis(2-Chloroethyl)ether	6.434	93	125542	51.311	ng		88
12) 1,3-Dichlorobenzene	6.633	146	153526m	47.464	ng		
13) 1,4-Dichlorobenzene	6.710	146	153322	46.747	ng		94
14) 1,2-Dichlorobenzene	6.863	146	145806	47.205	ng		95
15) Benzyl Alcohol	6.851	79	123138	45.882	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.975	45	154880	49.345	ng	#	3
17) 2-Methylphenol	6.969	107	97569	45.785	ng	#	81
18) Hexachloroethane	7.198	117	57861	48.422	ng	#	88
19) n-Nitroso-di-n-propyla...	7.116	70	103185	49.039	ng	#	76
20) 3+4-Methylphenols	7.128	107	122764	44.134	ng	#	74
22) Acetophenone	7.110	105	191604	48.122	ng	#	87
24) Nitrobenzene	7.281	77	152677	44.302	ng		98
25) Isophorone	7.522	82	257202	43.366	ng		97
26) 2-Nitrophenol	7.598	139	73165	43.647	ng		91
27) 2,4-Dimethylphenol	7.645	122	112724	50.451	ng		90
28) bis(2-Chloroethoxy)met...	7.733	93	148593	49.428	ng		99
29) 2,4-Dichlorophenol	7.851	162	118525	44.688	ng		93
30) 1,2,4-Trichlorobenzene	7.916	180	135664	45.102	ng		97
31) Naphthalene	7.998	128	430861	51.201	ng		99
32) Benzoic acid	7.810	122	49263	39.295	ng		89
33) 4-Chloroaniline	8.063	127	10800	3.417	ng	#	91
34) Hexachlorobutadiene	8.110	225	87481	43.501	ng		96
35) Caprolactam	8.445	113	25454m	36.622	ng		
36) 4-Chloro-3-methylphenol	8.557	107	119121	44.466	ng	#	85
37) 2-Methylnaphthalene	8.692	142	281493	47.271	ng		97
38) 1-Methylnaphthalene	8.786	142	257587	46.506	ng		100
40) 1,2,4,5-Tetrachloroben...	8.857	216	141511	45.079	ng		96
41) Hexachlorocyclopentadiene	8.839	237	76891	315.669	ng		98
43) 2,4,6-Trichlorophenol	8.980	196	87247	44.289	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.027	196	91481	44.011	ng	#	89
46) 1,1'-Biphenyl	9.157	154	337635	45.478	ng		97
47) 2-Chloronaphthalene	9.180	162	269773	44.423	ng		94
48) 2-Nitroaniline	9.286	65	86645	43.372	ng		96
49) Acenaphthylene	9.592	152	389306	44.349	ng		96
50) Dimethylphthalate	9.463	163	326496	47.408	ng		98
51) 2,6-Dinitrotoluene	9.527	165	72975	45.872	ng		85
52) Acenaphthene	9.763	154	251780	45.172	ng		95
53) 3-Nitroaniline	9.698	138	32843	23.322	ng		90
54) 2,4-Dinitrophenol	9.822	184	49301	75.702	ng	#	78
55) Dibenzofuran	9.939	168	401738	45.221	ng		97
56) 4-Nitrophenol	9.892	139	56443	76.405	ng		92
57) 2,4-Dinitrotoluene	9.939	165	97634	46.301	ng	#	88
58) Fluorene	10.280	166	314696	46.101	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.063	232	71989	47.356	ng	#	93
60) Diethylphthalate	10.163	149	319518	46.626	ng		97
61) 4-Chlorophenyl-phenyle...	10.269	204	158172	46.757	ng		96
62) 4-Nitroaniline	10.322	138	58003	42.811	ng	#	84
63) Azobenzene	10.433	77	303186	44.446	ng		93
65) 4,6-Dinitro-2-methylph...	10.351	198	43897	37.940	ng	#	73
66) n-Nitrosodiphenylamine	10.398	169	272614	44.025	ng		97
67) 4-Bromophenyl-phenylether	10.763	248	95825	44.128	ng		95
68) Hexachlorobenzene	10.827	284	103747	43.973	ng		91
69) Atrazine	10.927	200	94010	58.847	ng		96
70) Pentachlorophenol	11.033	266	69053	116.801	ng		95
71) Phenanthrene	11.245	178	456489	44.863	ng		99
72) Anthracene	11.298	178	470381	46.397	ng		98
73) Carbazole	11.457	167	387442	43.849	ng		97
74) Di-n-butylphthalate	11.780	149	507793	48.262	ng		99
75) Fluoranthene	12.433	202	469994	45.900	ng		97
77) Benzidine	12.557	184	38189m	17.959	ng		
78) Pyrene	12.663	202	476297	49.177	ng		99
80) Butylbenzylphthalate	13.274	149	192972	50.175	ng		97
81) Benzo(a)anthracene	13.851	228	343475	44.900	ng		97
82) 3,3'-Dichlorobenzidine	13.810	252	47927	19.554	ng		92
83) Chrysene	13.886	228	323824	42.716	ng		98
84) Bis(2-ethylhexyl)phtha...	13.839	149	258012	50.071	ng	#	96
85) Di-n-octyl phthalate	14.451	149	323695	40.335	ng	#	88
87) Indeno(1,2,3-cd)pyrene	16.686	276	316174	53.378	ng		97
88) Benzo(b)fluoranthene	14.880	252	251879m	44.254	ng		
89) Benzo(k)fluoranthene	14.909	252	250646	48.134	ng		99
90) Benzo(a)pyrene	15.227	252	247157	48.866	ng		97
91) Dibenzo(a,h)anthracene	16.692	278	269193	52.761	ng		96
92) Benzo(g,h,i)perylene	17.103	276	264192	52.623	ng		97

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

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