Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
Data File : BF124473.D
Acq On : 28 Jun 2021 17:26
Operator : JU/CG
Sample : M2824-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ABN-1MS

Manual Integrations APPROVED
mohammad
6/29/2021 2:28:45 PM

Quant Time: Jun 29 05:10:56 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	38029	20.000	ng	-0.01
21) Naphthalene-d8	7.975	136	141049	20.000	ng	#-0.01
39) Acenaphthene-d10	9.727	164	84046	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	160460	20.000	ng	-0.01
76) Chrysene-d12	13.863	240	107131	20.000	ng	# 0.00
86) Perylene-d12	15.286	264	79877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	296166	122.479	ng	0.00
7) Phenol-d6	6.357	99	329453	104.347	ng	0.00
23) Nitrobenzene-d5	7.269	82	294264	86.502	ng	-0.01
42) 2,4,6-Tribromophenol	10.527	330	138607	138.037	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	571307	83.269	ng	-0.01
79) Terphenyl-d14	12.804	244	669944	93.664	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.504	88	41752	40.154	ng	# 70
3) Pyridine	3.204	79	68495	30.040	ng	# 72
4) n-Nitrosodimethylamine	3.122	42	55288	44.945	ng	# 93
6) Aniline	6.369	93	51589	14.626	ng	# 1
8) 2-Chlorophenol	6.487	128	121060	45.048	ng	92
9) Benzaldehyde	6.251	77	53892	36.668	ng	95
10) Phenol	6.369	94	124249	36.395	ng	85
11) bis(2-Chloroethyl)ether	6.434	93	127675	51.712	ng	91
12) 1,3-Dichlorobenzene	6.634	146	148899m	45.618	ng	
13) 1,4-Dichlorobenzene	6.710	146	155381	46.947	ng	94
14) 1,2-Dichlorobenzene	6.863	146	144008	46.203	ng	94
15) Benzyl Alcohol	6.851	79	118136	43.621	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.975	45	140043	44.215	ng	# 1
17) 2-Methylphenol	6.969	107	95976	44.631	ng	# 80
18) Hexachloroethane	7.198	117	58516	48.529	ng	89
19) n-Nitroso-di-n-propyla...	7.122	70	98566	46.421	ng	# 79
20) 3+4-Methylphenols	7.128	107	123857	44.125	ng	# 72
22) Acetophenone	7.110	105	187554	47.767	ng	# 88
24) Nitrobenzene	7.286	77	150447	44.269	ng	94
25) Isophorone	7.522	82	253866	43.406	ng	98
26) 2-Nitrophenol	7.598	139	73678	44.570	ng	91
27) 2,4-Dimethylphenol	7.645	122	109456	49.677	ng	89
28) bis(2-Chloroethoxy)met...	7.733	93	151493	51.102	ng	99
29) 2,4-Dichlorophenol	7.851	162	120137	45.932	ng	88
30) 1,2,4-Trichlorobenzene	7.916	180	134235	45.254	ng	99
31) Naphthalene	7.998	128	426375	51.380	ng	99
32) Benzoic acid	7.798	122	41926	34.898	ng	96
33) 4-Chloroaniline	8.069	127	13309m	4.270	ng	
34) Hexachlorobutadiene	8.110	225	85681	43.205	ng	96
35) Caprolactam	8.439	113	25555m	37.284	ng	
36) 4-Chloro-3-methylphenol	8.557	107	117271	44.391	ng	# 84
37) 2-Methylnaphthalene	8.692	142	281811	47.990	ng	96
38) 1-Methylnaphthalene	8.786	142	257583	47.159	ng	95
40) 1,2,4,5-Tetrachloroben...	8.857	216	141470	46.837	ng	98
41) Hexachlorocyclopentadiene	8.839	237	77271	329.700	ng	98
43) 2,4,6-Trichlorophenol	8.980	196	83072	43.827	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.028	196	92468	46.234	ng	#	89
46) 1,1'-Biphenyl	9.157	154	343482	48.084	ng		98
47) 2-Chloronaphthalene	9.180	162	265995	45.523	ng		95
48) 2-Nitroaniline	9.286	65	88283	45.929	ng		96
49) Acenaphthylene	9.592	152	387833	45.919	ng		95
50) Dimethylphthalate	9.463	163	321837	48.569	ng		99
51) 2,6-Dinitrotoluene	9.527	165	69632	45.491	ng		90
52) Acenaphthene	9.763	154	247488	46.147	ng		95
53) 3-Nitroaniline	9.698	138	30954	22.845	ng		94
54) 2,4-Dinitrophenol	9.822	184	44159	72.099	ng	#	81
55) Dibenzofuran	9.939	168	391592	45.812	ng		97
56) 4-Nitrophenol	9.892	139	62747	88.277	ng		91
57) 2,4-Dinitrotoluene	9.939	165	97516	48.063	ng	#	89
58) Fluorene	10.280	166	307433	46.808	ng		91
59) 2,3,4,6-Tetrachlorophenol	10.063	232	70083	47.914	ng	#	96
60) Diethylphthalate	10.163	149	317995	48.228	ng		95
61) 4-Chlorophenyl-phenyle...	10.275	204	155037	47.632	ng		90
62) 4-Nitroaniline	10.322	138	59008	45.264	ng		89
63) Azobenzene	10.433	77	295009	44.948	ng		94
65) 4,6-Dinitro-2-methylph...	10.351	198	39359	34.220	ng	#	68
66) n-Nitrosodiphenylamine	10.398	169	267675	43.484	ng		96
67) 4-Bromophenyl-phenylether	10.763	248	90592	41.966	ng		95
68) Hexachlorobenzene	10.827	284	105422	44.949	ng		93
69) Atrazine	10.927	200	91307	57.494	ng		96
70) Pentachlorophenol	11.033	266	69963	118.926	ng		92
71) Phenanthrene	11.245	178	449748	44.463	ng		99
72) Anthracene	11.292	178	470531	46.687	ng		99
73) Carbazole	11.457	167	383555	43.667	ng		97
74) Di-n-butylphthalate	11.780	149	518793	49.600	ng		99
75) Fluoranthene	12.433	202	467227	45.901	ng		97
77) Benzidine	12.557	184	35910m	16.725	ng		
78) Pyrene	12.657	202	472289	48.296	ng		97
80) Butylbenzylphthalate	13.274	149	190180	48.976	ng		99
81) Benzo(a)anthracene	13.851	228	344943	44.660	ng		96
82) 3,3'-Dichlorobenzidine	13.810	252	46549	18.810	ng		92
83) Chrysene	13.886	228	332825	43.482	ng		98
84) Bis(2-ethylhexyl)phtha...	13.839	149	256995	49.396	ng	#	94
85) Di-n-octyl phthalate	14.445	149	325018	40.112	ng	#	88
87) Indeno(1,2,3-cd)pyrene	16.686	276	312843	49.664	ng		95
88) Benzo(b)fluoranthene	14.880	252	259494	42.871	ng		98
89) Benzo(k)fluoranthene	14.910	252	259234	46.813	ng		99
90) Benzo(a)pyrene	15.227	252	255730	47.544	ng		98
91) Dibenzo(a,h)anthracene	16.692	278	262914	48.455	ng	#	96
92) Benzo(g,h,i)perylene	17.103	276	261372	48.954	ng		95

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

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