Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
Data File : BF125237.D
Acq On : 26 Aug 2021 21:50
Operator : JU/CG
Sample : M3543-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPMS

Manual Integrations APPROVED
mohammad
8/27/2021 5:07:16 PM

Quant Time: Aug 27 05:03:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	207799	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	756961	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	358966	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	553796	20.000	ng	0.00
76) Chrysene-d12	14.080	240	451658	20.000	ng	0.00
86) Perylene-d12	15.574	264	494978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1278144	93.099	ng	0.01
7) Phenol-d6	6.539	99	1598078	90.004	ng	0.00
23) Nitrobenzene-d5	7.481	82	1053260	70.050	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	367744	102.628	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1738468	67.498	ng	0.00
79) Terphenyl-d14	13.021	244	1542350	54.402	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	271139	40.024	ng	# 100
3) Pyridine	3.534	79	596494	33.354	ng	# 90
4) n-Nitrosodimethylamine	3.493	42	344970	38.548	ng	# 31
6) Aniline	6.575	93	505535	24.239	ng	# 94
8) 2-Chlorophenol	6.698	128	572220	40.858	ng	81
9) Benzaldehyde	6.463	77	407131	32.673	ng	91
10) Phenol	6.557	94	752818	40.487	ng	98
11) bis(2-Chloroethyl)ether	6.645	93	607655	41.495	ng	85
12) 1,3-Dichlorobenzene	6.857	146	642758	39.605	ng	98
13) 1,4-Dichlorobenzene	6.934	146	656115	40.573	ng	98
14) 1,2-Dichlorobenzene	7.086	146	634501	41.705	ng	98
15) Benzyl Alcohol	7.051	79	535404	39.164	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1131884	38.541	ng	96
17) 2-Methylphenol	7.163	107	469807	39.933	ng	95
18) Hexachloroethane	7.428	117	233895	41.305	ng	# 86
19) n-Nitroso-di-n-propyla...	7.328	70	416401	38.990	ng	# 76
20) 3+4-Methylphenols	7.316	107	558304	37.805	ng	# 85
22) Acetophenone	7.322	105	801807	41.158	ng	93
24) Nitrobenzene	7.498	77	665569	40.624	ng	90
25) Isophorone	7.734	82	1148678	39.602	ng	# 88
26) 2-Nitrophenol	7.810	139	309868	47.366	ng	# 77
27) 2,4-Dimethylphenol	7.845	122	503342	43.949	ng	92
28) bis(2-Chloroethoxy)met...	7.945	93	720167	44.842	ng	# 98
29) 2,4-Dichlorophenol	8.051	162	461682	39.528	ng	95
30) 1,2,4-Trichlorobenzene	8.139	180	518301	40.694	ng	93
31) Naphthalene	8.222	128	1521803	39.255	ng	99
32) Benzoic acid	7.957	122	336203	43.251	ng	# 82
33) 4-Chloroaniline	8.263	127	147635	9.660	ng	# 92
34) Hexachlorobutadiene	8.333	225	332639	40.959	ng	100
35) Caprolactam	8.633	113	137131m	45.328	ng	
36) 4-Chloro-3-methylphenol	8.745	107	472967	39.666	ng	91
37) 2-Methylnaphthalene	8.910	142	1016632	39.686	ng	99
38) 1-Methylnaphthalene	9.010	142	932205	38.969	ng	97
40) 1,2,4,5-Tetrachloroben...	9.075	216	498912	42.540	ng	98
41) Hexachlorocyclopentadiene	9.063	237	512313	83.144	ng	98
43) 2,4,6-Trichlorophenol	9.186	196	335964	40.684	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	344164	39.614	ng		94
46) 1,1'-Biphenyl	9.375	154	1157486	39.996	ng		98
47) 2-Chloronaphthalene	9.398	162	951075	40.441	ng		98
48) 2-Nitroaniline	9.492	65	324478	44.510	ng	#	84
49) Acenaphthylene	9.816	152	1378463	40.224	ng		98
50) Dimethylphthalate	9.669	163	1077357	43.309	ng	#	96
51) 2,6-Dinitrotoluene	9.733	165	231490	42.916	ng		89
52) Acenaphthene	9.986	154	901499	42.434	ng		98
53) 3-Nitroaniline	9.898	138	140791	24.204	ng	#	78
54) 2,4-Dinitrophenol	10.010	184	182108	85.471	ng	#	74
55) Dibenzofuran	10.157	168	1171131	38.304	ng		97
56) 4-Nitrophenol	10.063	139	344838	74.860	ng	#	81
57) 2,4-Dinitrotoluene	10.133	165	293231	44.917	ng	#	99
58) Fluorene	10.498	166	883818	39.100	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	255117	39.569	ng	#	85
60) Diethylphthalate	10.369	149	1025719	42.295	ng		98
61) 4-Chlorophenyl-phenyle...	10.492	204	466059	40.779	ng	#	84
62) 4-Nitroaniline	10.516	138	188266	35.992	ng	#	79
63) Azobenzene	10.651	77	1022134	37.576	ng		91
65) 4,6-Dinitro-2-methylph...	10.539	198	117179	39.979	ng		97
66) n-Nitrosodiphenylamine	10.610	169	838318	42.276	ng		96
67) 4-Bromophenyl-phenylether	10.980	248	295042	44.367	ng		94
68) Hexachlorobenzene	11.045	284	296604	43.356	ng	#	89
69) Atrazine	11.133	200	259096	45.534	ng		91
70) Pentachlorophenol	11.239	266	327361	81.952	ng		91
71) Phenanthrene	11.463	178	1271090	41.655	ng		96
72) Anthracene	11.516	178	1257078	41.796	ng		98
73) Carbazole	11.669	167	1068164	38.864	ng		99
74) Di-n-butylphthalate	11.992	149	1425619	43.709	ng		100
75) Fluoranthene	12.651	202	1400037	46.240	ng		96
77) Benzidine	12.774	184	599061	37.978	ng		98
78) Pyrene	12.880	202	1420587	36.667	ng		95
80) Butylbenzylphthalate	13.492	149	602301	39.564	ng		87
81) Benzo(a)anthracene	14.068	228	1373325	42.201	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	394630	39.121	ng	#	99
83) Chrysene	14.110	228	1378189	42.824	ng		96
84) Bis(2-ethylhexyl)phtha...	14.051	149	905802	43.291	ng		100
85) Di-n-octyl phthalate	14.668	149	1608692	46.227	ng	#	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	1307156	36.657	ng	#	91
88) Benzo(b)fluoranthene	15.139	252	1540540	42.601	ng	#	95
89) Benzo(k)fluoranthene	15.168	252	1382108	40.958	ng		99
90) Benzo(a)pyrene	15.515	252	1432556m	44.847	ng		
91) Dibenzo(a,h)anthracene	17.109	278	1094374	35.504	ng	#	96
92) Benzo(g,h,i)perylene	17.556	276	1021506	34.370	ng	#	88

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

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