Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073121\
Data File : BF124894.D
Acq On : 31 Jul 2021 15:57
Operator : JU/CG
Sample : M3235-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-462-COMPMS

Manual Integrations APPROVED
mohammad
8/2/2021 3:48:09 PM

Quant Time: Aug 02 02:34:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 02:31:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	5604	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	21262	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	11437	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	19324	20.000	ng		0.00
76) Chrysene-d12	14.015	240	10391	20.000	ng		0.00
86) Perylene-d12	15.480	264	11333	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	38012	114.847	ng		0.00
7) Phenol-d6	6.492	99	46984	113.233	ng		0.00
23) Nitrobenzene-d5	7.422	82	30177	84.473	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	11624	118.373	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	57243	73.512	ng		0.00
79) Terphenyl-d14	12.963	244	49379	81.458	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	5291	45.733	ng	#	100
3) Pyridine	3.416	79	11004	40.178	ng		92
4) n-Nitrosodimethylamine	3.369	42	10118	46.715	ng		87
6) Aniline	6.522	93	17707	41.524	ng		96
8) 2-Chlorophenol	6.639	128	16957	45.423	ng		89
9) Benzaldehyde	6.410	77	10355	46.352	ng		91
10) Phenol	6.504	94	20826	52.412	ng		98
11) bis(2-Chloroethyl)ether	6.592	93	15537	49.316	ng		95
12) 1,3-Dichlorobenzene	6.798	146	17878	44.063	ng		98
13) 1,4-Dichlorobenzene	6.875	146	18754	46.203	ng		95
14) 1,2-Dichlorobenzene	7.028	146	17385	44.328	ng		96
15) Benzyl Alcohol	6.998	79	13989	51.268	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.134	45	24304	45.834	ng		92
17) 2-Methylphenol	7.110	107	13354	49.103	ng		94
18) Hexachloroethane	7.369	117	7581	49.275	ng		95
19) n-Nitroso-di-n-propyla...	7.269	70	11495	51.880	ng	#	95
20) 3+4-Methylphenols	7.263	107	16929	47.114	ng	#	83
22) Acetophenone	7.269	105	23707	48.115	ng		93
24) Nitrobenzene	7.439	77	17203	49.118	ng		94
25) Isophorone	7.681	82	30107	47.662	ng		93
26) 2-Nitrophenol	7.757	139	8835	45.545	ng	#	79
27) 2,4-Dimethylphenol	7.792	122	14199	47.569	ng		86
28) bis(2-Chloroethoxy)met...	7.886	93	19182	52.256	ng		95
29) 2,4-Dichlorophenol	7.998	162	13847	43.802	ng		96
30) 1,2,4-Trichlorobenzene	8.081	180	16219	46.811	ng		99
31) Naphthalene	8.163	128	48161	43.404	ng		100
32) Benzoic acid	7.910	122	5673	24.554	ng		93
33) 4-Chloroaniline	8.210	127	8071	19.344	ng	#	92
34) Hexachlorobutadiene	8.275	225	9197	44.406	ng		95
35) Caprolactam	8.580	113	3652m	44.448	ng		
36) 4-Chloro-3-methylphenol	8.692	107	15214	50.456	ng		89
37) 2-Methylnaphthalene	8.851	142	32141	43.352	ng		96
38) 1-Methylnaphthalene	8.951	142	29574	42.107	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	14999	47.003	ng		97
41) Hexachlorocyclopentadiene	9.004	237	15864	84.027	ng		98
43) 2,4,6-Trichlorophenol	9.127	196	9938	43.870	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	10202	43.861	ng		97
46) 1,1'-Biphenyl	9.316	154	37127	43.489	ng		99
47) 2-Chloronaphthalene	9.345	162	30558	45.216	ng		98
48) 2-Nitroaniline	9.439	65	9402	53.130	ng		97
49) Acenaphthylene	9.757	152	47954	46.011	ng		99
50) Dimethylphthalate	9.616	163	35222	44.726	ng		97
51) 2,6-Dinitrotoluene	9.680	165	8093	46.517	ng		99
52) Acenaphthene	9.927	154	27513	39.822	ng		98
53) 3-Nitroaniline	9.845	138	4805	26.252	ng	#	67
54) 2,4-Dinitrophenol	9.957	184	6283	62.453	ng		92
55) Dibenzofuran	10.104	168	43342	43.901	ng		96
56) 4-Nitrophenol	10.016	139	11880	82.191	ng		94
57) 2,4-Dinitrotoluene	10.086	165	10320	43.711	ng	#	95
58) Fluorene	10.445	166	32951	43.508	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.216	232	7860	42.788	ng	#	94
60) Diethylphthalate	10.316	149	36352	44.391	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	15775	43.087	ng		99
62) 4-Nitroaniline	10.463	138	7981	44.067	ng		95
63) Azobenzene	10.592	77	33740	46.571	ng		93
65) 4,6-Dinitro-2-methylph...	10.492	198	4501	35.966	ng		92
66) n-Nitrosodiphenylamine	10.551	169	28315	45.216	ng		97
67) 4-Bromophenyl-phenylether	10.922	248	9812	47.877	ng	#	84
68) Hexachlorobenzene	10.992	284	10296	48.373	ng	#	87
69) Atrazine	11.080	200	9040	47.481	ng		98
70) Pentachlorophenol	11.186	266	9232	69.753	ng		91
71) Phenanthrene	11.404	178	47215	45.428	ng		96
72) Anthracene	11.457	178	48340	46.524	ng		98
73) Carbazole	11.610	167	40923	42.017	ng		100
74) Di-n-butylphthalate	11.939	149	52623	40.564	ng		99
75) Fluoranthene	12.592	202	42510	40.081	ng		99
77) Benzidine	12.710	184	19499	66.546	ng		98
78) Pyrene	12.821	202	41686	50.674	ng		98
80) Butylbenzylphthalate	13.433	149	16566	42.045	ng		92
81) Benzo(a)anthracene	14.004	228	29786	43.853	ng		98
82) 3,3'-Dichlorobenzidine	13.968	252	5963	31.634	ng		97
83) Chrysene	14.045	228	29176	44.586	ng		97
84) Bis(2-ethylhexyl)phtha...	13.992	149	20089	34.615	ng	#	99
85) Di-n-octyl phthalate	14.604	149	30419	32.300	ng		98
87) Indeno(1,2,3-cd)pyrene	16.962	276	38171	58.340	ng		94
88) Benzo(b)fluoranthene	15.057	252	32306	40.488	ng		97
89) Benzo(k)fluoranthene	15.086	252	30620	41.998	ng		98
90) Benzo(a)pyrene	15.421	252	32365	48.556	ng		98
91) Dibenzo(a,h)anthracene	16.974	278	31402	54.824	ng		97
92) Benzo(g,h,i)perylene	17.403	276	32572	59.968	ng		92

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

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