Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061421\
Data File : BF124312.D
Acq On : 14 Jun 2021 18:20
Operator : JU/CG
Sample : M2687-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
17-B6(104-108)MS

Manual Integrations APPROVED
mohammad
6/15/2021 2:39:16 PM

Quant Time: Jun 15 02:26:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 14 12:10:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	27560	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	109919	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	63529	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	119047	20.000	ng		0.00
76) Chrysene-d12	14.015	240	79117	20.000	ng		0.00
86) Perylene-d12	15.492	264	67197	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	261365	142.759	ng		0.00
7) Phenol-d6	6.481	99	328614	133.534	ng		0.00
23) Nitrobenzene-d5	7.398	82	237079	85.544	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	125440	139.370	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	354562	70.231	ng		0.00
79) Terphenyl-d14	12.951	244	374350	64.963	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	36348	45.366	ng		93
3) Pyridine	3.363	79	83591	40.737	ng	#	74
4) n-Nitrosodimethylamine	3.310	42	62241m	51.048	ng		
6) Aniline	6.492	93	98477	35.035	ng	#	1
8) 2-Chlorophenol	6.622	128	115379	56.636	ng		95
9) Benzaldehyde	6.381	77	87281	79.791	ng		86
10) Phenol	6.492	94	141823	53.327	ng	#	71
11) bis(2-Chloroethyl)ether	6.569	93	110295	56.888	ng		87
12) 1,3-Dichlorobenzene	6.769	146	131260	55.116	ng		91
13) 1,4-Dichlorobenzene	6.845	146	129468	54.197	ng		98
14) 1,2-Dichlorobenzene	6.998	146	127788	55.920	ng		100
15) Benzyl Alcohol	6.981	79	111103	50.081	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.104	45	152228	50.331	ng	#	42
17) 2-Methylphenol	7.098	107	92291	55.730	ng	#	89
18) Hexachloroethane	7.339	117	52939	56.274	ng	#	86
19) n-Nitroso-di-n-propyla...	7.251	70	95992	55.257	ng	#	81
20) 3+4-Methylphenols	7.251	107	121709	55.466	ng	#	86
22) Acetophenone	7.245	105	168987	53.929	ng	#	99
24) Nitrobenzene	7.416	77	134457	48.361	ng		96
25) Isophorone	7.657	82	228981	45.850	ng		99
26) 2-Nitrophenol	7.734	139	68173	54.892	ng		90
27) 2,4-Dimethylphenol	7.775	122	101113	57.736	ng		97
28) bis(2-Chloroethoxy)met...	7.863	93	131939	53.289	ng		97
29) 2,4-Dichlorophenol	7.981	162	105870	52.244	ng		94
30) 1,2,4-Trichlorobenzene	8.057	180	113693	50.063	ng		97
31) Naphthalene	8.139	128	324286	49.346	ng		97
32) Benzoic acid	7.922	122	53633	49.909	ng	#	83
33) 4-Chloroaniline	8.192	127	18579	7.601	ng	#	86
34) Hexachlorobutadiene	8.251	225	76821	47.890	ng		95
35) Caprolactam	8.569	113	30523m	54.827	ng		
36) 4-Chloro-3-methylphenol	8.692	107	114217	51.517	ng		90
37) 2-Methylnaphthalene	8.833	142	232634	50.479	ng		98
38) 1-Methylnaphthalene	8.928	142	214244	49.748	ng		95
40) 1,2,4,5-Tetrachloroben...	8.998	216	123991	55.086	ng		96
41) Hexachlorocyclopentadiene	8.981	237	78366	65.713	ng		95
43) 2,4,6-Trichlorophenol	9.116	196	73741	50.232	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	76827	48.751	ng	#	89
46) 1,1'-Biphenyl	9.292	154	291301	54.319	ng		98
47) 2-Chloronaphthalene	9.322	162	225850	51.740	ng		97
48) 2-Nitroaniline	9.422	65	87720	55.685	ng		93
49) Acenaphthylene	9.739	152	346416	54.596	ng		96
50) Dimethylphthalate	9.598	163	284276	54.085	ng		98
51) 2,6-Dinitrotoluene	9.663	165	64370	53.413	ng		95
52) Acenaphthene	9.910	154	211619	51.064	ng		95
53) 3-Nitroaniline	9.833	138	25284	22.416	ng		98
54) 2,4-Dinitrophenol	9.951	184	55804	90.104	ng		83
55) Dibenzofuran	10.080	168	333203	51.372	ng		98
56) 4-Nitrophenol	10.022	139	74494	92.415	ng		92
57) 2,4-Dinitrotoluene	10.075	165	82781	52.083	ng	#	91
58) Fluorene	10.427	166	267295	53.687	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.204	232	61507m	48.163	ng		
60) Diethylphthalate	10.298	149	281561	53.080	ng		98
61) 4-Chlorophenyl-phenyle...	10.416	204	134051	52.657	ng		99
62) 4-Nitroaniline	10.457	138	59533	52.494	ng	#	82
63) Azobenzene	10.575	77	274223	49.594	ng		95
65) 4,6-Dinitro-2-methylph...	10.486	198	41754	43.644	ng	#	77
66) n-Nitrosodiphenylamine	10.539	169	241015	53.283	ng		97
67) 4-Bromophenyl-phenylether	10.904	248	84424	51.667	ng		91
68) Hexachlorobenzene	10.975	284	94100	50.844	ng		95
69) Atrazine	11.069	200	83856	65.491	ng		91
70) Pentachlorophenol	11.175	266	62802	65.304	ng		95
71) Phenanthrene	11.392	178	395436	53.174	ng		99
72) Anthracene	11.445	178	419687	56.037	ng		97
73) Carbazole	11.598	167	347583	53.256	ng		98
74) Di-n-butylphthalate	11.922	149	440221	52.484	ng		99
75) Fluoranthene	12.580	202	410059	52.531	ng		97
77) Benzidine	12.704	184	145911	76.498	ng	#	94
78) Pyrene	12.810	202	419131	55.169	ng		99
80) Butylbenzylphthalate	13.427	149	162754	52.809	ng		96
81) Benzo(a)anthracene	14.004	228	297742	51.659	ng		98
82) 3,3'-Dichlorobenzidine	13.963	252	43621	25.798	ng		97
83) Chrysene	14.039	228	289885	52.130	ng		98
84) Bis(2-ethylhexyl)phtha...	13.986	149	217515	59.332	ng		95
85) Di-n-octyl phthalate	14.598	149	280116	57.252	ng	#	91
87) Indeno(1,2,3-cd)pyrene	16.992	276	289001	51.342	ng		98
88) Benzo(b)fluoranthene	15.062	252	252071	48.290	ng		99
89) Benzo(k)fluoranthene	15.092	252	240267	48.622	ng		97
90) Benzo(a)pyrene	15.433	252	246569	54.384	ng		99
91) Dibenzo(a,h)anthracene	16.998	278	243752	50.804	ng		95
92) Benzo(g,h,i)perylene	17.439	276	247244	52.135	ng		97

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

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