Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
Data File : BF124177.D
Acq On : 8 Jun 2021 13:17
Operator : JU/CG
Sample : M2613-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(90-94)MSD

Manual Integrations APPROVED
mohammad
6/9/2021 3:51:08 PM

Quant Time: Jun 08 13:50:28 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 07 13:32:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	31693	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	122336	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	70968	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	141513	20.000	ng		0.00
76) Chrysene-d12	14.033	240	91846	20.000	ng		0.00
86) Perylene-d12	15.515	264	77654	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	270901	128.672	ng		0.00
7) Phenol-d6	6.510	99	326357	115.323	ng		0.00
23) Nitrobenzene-d5	7.428	82	258416	83.778	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	132414	131.697	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	506618	89.831	ng		0.00
79) Terphenyl-d14	12.974	244	572724	85.613	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	32864	35.669	ng		94
3) Pyridine	3.404	79	80321	34.039	ng		88
4) n-Nitrosodimethylamine	3.357	42	60612	43.229	ng		92
6) Aniline	6.522	93	123627	38.247	ng	#	1
8) 2-Chlorophenol	6.651	128	99151	42.323	ng		93
9) Benzaldehyde	6.410	77	70940	56.395	ng		94
10) Phenol	6.522	94	130650	42.719	ng	#	64
11) bis(2-Chloroethyl)ether	6.598	93	97189	43.591	ng		92
12) 1,3-Dichlorobenzene	6.804	146	117468	42.892	ng		96
13) 1,4-Dichlorobenzene	6.881	146	117674	42.836	ng		95
14) 1,2-Dichlorobenzene	7.034	146	116781	44.439	ng		94
15) Benzyl Alcohol	7.004	79	105675	41.422	ng		89
16) 2,2'-oxybis(1-Chloropr...	7.139	45	147835	42.504	ng		84
17) 2-Methylphenol	7.122	107	82087	43.104	ng	#	88
18) Hexachloroethane	7.375	117	48605	44.929	ng	#	87
19) n-Nitroso-di-n-propyla...	7.275	70	83622	41.859	ng		93
20) 3+4-Methylphenols	7.275	107	107628	42.653	ng	#	85
22) Acetophenone	7.269	105	154888	44.413	ng		97
24) Nitrobenzene	7.445	77	125680	40.616	ng		99
25) Isophorone	7.686	82	227380	40.908	ng		98
26) 2-Nitrophenol	7.763	139	62095	44.923	ng		94
27) 2,4-Dimethylphenol	7.804	122	91392	46.889	ng		93
28) bis(2-Chloroethoxy)met...	7.892	93	128513	46.637	ng		98
29) 2,4-Dichlorophenol	8.010	162	95790	42.472	ng		93
30) 1,2,4-Trichlorobenzene	8.086	180	107471	42.520	ng		96
31) Naphthalene	8.169	128	312009	42.658	ng		98
32) Benzoic acid	7.939	122	51802	43.312	ng	#	91
33) 4-Chloroaniline	8.216	127	73582	27.048	ng		96
34) Hexachlorobutadiene	8.280	225	73271	41.041	ng		96
35) Caprolactam	8.586	113	30539m	49.288	ng		
36) 4-Chloro-3-methylphenol	8.704	107	108778	44.083	ng		93
37) 2-Methylnaphthalene	8.857	142	222864	43.451	ng		100
38) 1-Methylnaphthalene	8.957	142	206392	43.060	ng		97
40) 1,2,4,5-Tetrachloroben...	9.027	216	118595	47.166	ng		96
41) Hexachlorocyclopentadiene	9.010	237	115246	84.070	ng		91
43) 2,4,6-Trichlorophenol	9.139	196	74336	45.329	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	80103	45.501	ng	#	88
46) 1,1'-Biphenyl	9.322	154	275921	46.058	ng		97
47) 2-Chloronaphthalene	9.351	162	220081	45.133	ng		92
48) 2-Nitroaniline	9.445	65	80230	45.592	ng		94
49) Acenaphthylene	9.763	152	323297	45.611	ng		95
50) Dimethylphthalate	9.627	163	273315	46.549	ng		98
51) 2,6-Dinitrotoluene	9.686	165	59910	44.501	ng	#	85
52) Acenaphthene	9.939	154	203315	43.918	ng		97
53) 3-Nitroaniline	9.857	138	38790	30.786	ng		90
54) 2,4-Dinitrophenol	9.969	184	53905	78.389	ng	#	87
55) Dibenzofuran	10.110	168	327921	45.258	ng		97
56) 4-Nitrophenol	10.039	139	84302	93.620	ng	#	82
57) 2,4-Dinitrotoluene	10.092	165	82357	46.385	ng		94
58) Fluorene	10.451	166	250263	44.997	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.233	232	59947	42.021	ng	#	99
60) Diethylphthalate	10.322	149	274688	46.356	ng		95
61) 4-Chlorophenyl-phenyle...	10.439	204	127835	44.952	ng		90
62) 4-Nitroaniline	10.474	138	57089	45.062	ng	#	80
63) Azobenzene	10.604	77	267958	43.381	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	41366	36.374	ng	#	69
66) n-Nitrosodiphenylamine	10.563	169	223908	41.643	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	79584	40.972	ng		93
68) Hexachlorobenzene	11.004	284	87588	39.813	ng		94
69) Atrazine	11.092	200	81221	53.362	ng		98
70) Pentachlorophenol	11.198	266	73269	64.179	ng		92
71) Phenanthrene	11.416	178	378096	42.771	ng		98
72) Anthracene	11.469	178	381465	42.847	ng		98
73) Carbazole	11.621	167	324872	41.874	ng		98
74) Di-n-butylphthalate	11.951	149	440167	44.147	ng		97
75) Fluoranthene	12.604	202	396904	42.773	ng		99
77) Benzidine	12.721	184	147678	67.215	ng	#	93
78) Pyrene	12.833	202	386115	43.779	ng		99
80) Butylbenzylphthalate	13.451	149	163651	45.741	ng		89
81) Benzo(a)anthracene	14.021	228	294004	43.941	ng		97
82) 3,3'-Dichlorobenzidine	13.986	252	64051	32.631	ng		95
83) Chrysene	14.062	228	276483	42.829	ng		97
84) Bis(2-ethylhexyl)phtha...	14.010	149	213691	50.211	ng		98
85) Di-n-octyl phthalate	14.621	149	303542	53.442	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.015	276	293531	45.650	ng		99
88) Benzo(b)fluoranthene	15.080	252	267019	44.265	ng		98
89) Benzo(k)fluoranthene	15.115	252	239895	42.009	ng		98
90) Benzo(a)pyrene	15.456	252	247802	47.295	ng	#	97
91) Dibenzo(a,h)anthracene	17.027	278	250849	45.700	ng		99
92) Benzo(g,h,i)perylene	17.468	276	248993	45.923	ng		96

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

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