Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
Data File : BF124176.D
Acq On : 8 Jun 2021 12:43
Operator : JU/CG
Sample : M2613-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/9/2021 3:51:05 PM

Quant Time: Jun 08 13:24:35 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	6.857	152	28397	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	110933	20.000	ng		# 0.00
39) Acenaphthene-d10	9.904	164	67034	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	124699	20.000	ng		0.00
76) Chrysene-d12	14.033	240	89975	20.000	ng		0.00
86) Perylene-d12	15.515	264	82462	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	241547	128.046	ng		0.00
7) Phenol-d6	6.504	99	319516	126.010	ng		0.00
23) Nitrobenzene-d5	7.428	82	242859	86.828	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	124197	130.774	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	451309	84.720	ng		0.00
79) Terphenyl-d14	12.974	244	537813	82.067	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	30729	37.222	ng		95
3) Pyridine	3.393	79	71525	33.829	ng		86
4) n-Nitrosodimethylamine	3.340	42	55818	44.430	ng		97
6) Aniline	6.522	93	115163	39.764	ng	#	10
8) 2-Chlorophenol	6.651	128	98142	46.755	ng		97
9) Benzaldehyde	6.410	77	65262	57.903	ng		95
10) Phenol	6.522	94	120899	44.119	ng	#	54
11) bis(2-Chloroethyl)ether	6.592	93	91779	45.943	ng		94
12) 1,3-Dichlorobenzene	6.804	146	111194	45.314	ng		93
13) 1,4-Dichlorobenzene	6.881	146	113001	45.910	ng		93
14) 1,2-Dichlorobenzene	7.034	146	108508	46.083	ng		98
15) Benzyl Alcohol	7.004	79	99806	43.663	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.139	45	131130	42.077	ng		80
17) 2-Methylphenol	7.122	107	76233	44.676	ng	#	88
18) Hexachloroethane	7.375	117	45013	46.439	ng	#	86
19) n-Nitroso-di-n-propyla...	7.275	70	79758	44.559	ng	#	83
20) 3+4-Methylphenols	7.275	107	100471	44.438	ng		89
22) Acetophenone	7.269	105	148943	47.098	ng		99
24) Nitrobenzene	7.445	77	118237	42.138	ng		96
25) Isophorone	7.681	82	200492	39.778	ng		98
26) 2-Nitrophenol	7.757	139	54545	43.517	ng		93
27) 2,4-Dimethylphenol	7.798	122	82824	46.861	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	118723	47.513	ng		98
29) 2,4-Dichlorophenol	8.010	162	85605	41.858	ng		93
30) 1,2,4-Trichlorobenzene	8.086	180	100638	43.909	ng		98
31) Naphthalene	8.169	128	282185	42.547	ng		99
32) Benzoic acid	7.928	122	53401	49.238	ng	#	79
33) 4-Chloroaniline	8.216	127	67623	27.412	ng		91
34) Hexachlorobutadiene	8.281	225	64923	40.103	ng		97
35) Caprolactam	8.581	113	28147m	50.097	ng		
36) 4-Chloro-3-methylphenol	8.704	107	99669	44.544	ng	#	85
37) 2-Methylnaphthalene	8.857	142	201435	43.310	ng		98
38) 1-Methylnaphthalene	8.957	142	183380	42.192	ng		94
40) 1,2,4,5-Tetrachloroben...	9.028	216	107032	45.065	ng		99
41) Hexachlorocyclopentadiene	9.010	237	103136	80.056	ng		93
43) 2,4,6-Trichlorophenol	9.139	196	66730	43.079	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	71606	43.062	ng	#	91
46) 1,1'-Biphenyl	9.322	154	256871	45.394	ng		98
47) 2-Chloronaphthalene	9.345	162	194815	42.296	ng		98
48) 2-Nitroaniline	9.445	65	73941	44.484	ng		93
49) Acenaphthylene	9.763	152	294668	44.012	ng		97
50) Dimethylphthalate	9.622	163	244603	44.104	ng		98
51) 2,6-Dinitrotoluene	9.686	165	52426	41.227	ng	#	84
52) Acenaphthene	9.933	154	184462	42.184	ng		93
53) 3-Nitroaniline	9.857	138	33681	28.300	ng	#	91
54) 2,4-Dinitrophenol	9.969	184	50448	77.700	ng	#	83
55) Dibenzofuran	10.110	168	289219	42.259	ng		98
56) 4-Nitrophenol	10.033	139	75166	88.373	ng		89
57) 2,4-Dinitrotoluene	10.092	165	77768	46.371	ng		94
58) Fluorene	10.451	166	231017	43.974	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.227	232	58289	43.257	ng		90
60) Diethylphthalate	10.322	149	252831	45.172	ng		97
61) 4-Chlorophenyl-phenyle...	10.439	204	112360	41.829	ng		90
62) 4-Nitroaniline	10.475	138	54102	45.211	ng	#	85
63) Azobenzene	10.604	77	242280	41.526	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	36089	36.013	ng	#	72
66) n-Nitrosodiphenylamine	10.563	169	205122	43.293	ng		94
67) 4-Bromophenyl-phenylether	10.933	248	74294	43.406	ng		99
68) Hexachlorobenzene	11.004	284	87005	44.880	ng	#	91
69) Atrazine	11.092	200	76509	57.044	ng		98
70) Pentachlorophenol	11.198	266	68572	67.874	ng		92
71) Phenanthrene	11.416	178	348323	44.716	ng		99
72) Anthracene	11.469	178	366014	46.655	ng		98
73) Carbazole	11.622	167	294886	43.134	ng		97
74) Di-n-butylphthalate	11.945	149	402288	45.788	ng		99
75) Fluoranthene	12.604	202	375301	45.899	ng		98
77) Benzidine	12.721	184	142758	66.380	ng	#	95
78) Pyrene	12.833	202	370521	42.885	ng		98
80) Butylbenzylphthalate	13.451	149	156294	44.593	ng		91
81) Benzo(a)anthracene	14.021	228	284568	43.415	ng		97
82) 3,3'-Dichlorobenzidine	13.980	252	65609	34.120	ng		97
83) Chrysene	14.063	228	277164	43.828	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	197160	47.290	ng		98
85) Di-n-octyl phthalate	14.621	149	288439	51.839	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.015	276	289343	42.686	ng		99
88) Benzo(b)fluoranthene	15.080	252	260897	40.729	ng		98
89) Benzo(k)fluoranthene	15.115	252	231266	38.137	ng		95
90) Benzo(a)pyrene	15.457	252	243825	43.823	ng		94
91) Dibenzo(a,h)anthracene	17.027	278	249439	43.059	ng		96
92) Benzo(g,h,i)perylene	17.468	276	244312	42.721	ng		99

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

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