Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081121\
Data File : BF125054.D
Acq On : 11 Aug 2021 13:08
Operator : JU/CG
Sample : M3318-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210536-COM-9MS

Manual Integrations APPROVED
mohammad
8/12/2021 1:43:44 PM

Quant Time: Aug 11 14:18:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:32:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	4214	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	15435	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	8684	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	16047	20.000	ng	0.00
76) Chrysene-d12	13.974	240	16920	20.000	ng	0.00
86) Perylene-d12	15.427	264	15057	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	36196	140.705	ng	0.00
7) Phenol-d6	6.457	99	40695	125.458	ng	0.00
23) Nitrobenzene-d5	7.381	82	19136	64.856	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	8012	103.270	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	32975	55.562	ng	0.00
79) Terphenyl-d14	12.916	244	34458	34.353	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	6501	67.549	ng	# 100
3) Pyridine	3.340	79	13841	61.892	ng	91
4) n-Nitrosodimethylamine	3.293	42	11790	74.241	ng	# 87
6) Aniline	6.481	93	14342	41.857	ng	96
8) 2-Chlorophenol	6.598	128	18753	66.457	ng	93
9) Benzaldehyde	6.363	77	11103	62.915	ng	91
10) Phenol	6.469	94	22221	66.393	ng	92
11) bis(2-Chloroethyl)ether	6.551	93	18141	72.252	ng	96
12) 1,3-Dichlorobenzene	6.751	146	18941	61.671	ng	95
13) 1,4-Dichlorobenzene	6.834	146	12074	39.325	ng	96
14) 1,2-Dichlorobenzene	6.981	146	11755m	40.854	ng	
15) Benzyl Alcohol	6.963	79	11490	49.107	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.086	45	17522	43.559	ng	84
17) 2-Methylphenol	7.075	107	9269	43.883	ng	# 84
18) Hexachloroethane	7.322	117	5865	48.791	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	10163	52.804	ng	# 77
20) 3+4-Methylphenols	7.228	107	12230	43.617	ng	# 57
22) Acetophenone	7.228	105	18743	49.583	ng	# 91
24) Nitrobenzene	7.398	77	14224	49.821	ng	# 86
25) Isophorone	7.639	82	25111	49.865	ng	# 88
26) 2-Nitrophenol	7.716	139	6066	41.840	ng	# 64
27) 2,4-Dimethylphenol	7.757	122	10089	49.091	ng	# 83
28) bis(2-Chloroethoxy)met...	7.845	93	15864	55.351	ng	# 94
29) 2,4-Dichlorophenol	7.957	162	9452	41.280	ng	93
30) 1,2,4-Trichlorobenzene	8.039	180	10446	40.709	ng	96
31) Naphthalene	8.122	128	33213	41.882	ng	99
32) Benzoic acid	7.892	122	6055	49.445	ng	# 75
33) 4-Chloroaniline	8.169	127	2278	7.708	ng	# 86
34) Hexachlorobutadiene	8.233	225	7178	46.842	ng	99
35) Caprolactam	8.551	113	2406m	39.570	ng	
36) 4-Chloro-3-methylphenol	8.663	107	12128	50.635	ng	# 86
37) 2-Methylnaphthalene	8.810	142	22116	41.479	ng	98
38) 1-Methylnaphthalene	8.910	142	20341	40.771	ng	96
40) 1,2,4,5-Tetrachloroben...	8.975	216	11130	44.652	ng	96
41) Hexachlorocyclopentadiene	8.963	237	9298	96.812	ng	91
43) 2,4,6-Trichlorophenol	9.092	196	7558	45.549	ng	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	7778	46.306	ng		98
46) 1,1'-Biphenyl	9.275	154	27048	41.797	ng		97
47) 2-Chloronaphthalene	9.298	162	21342	41.453	ng		96
48) 2-Nitroaniline	9.398	65	8106	53.598	ng	#	79
49) Acenaphthylene	9.716	152	33879	43.321	ng		98
50) Dimethylphthalate	9.575	163	27540	46.799	ng	#	99
51) 2,6-Dinitrotoluene	9.639	165	5763	43.979	ng	#	62
52) Acenaphthene	9.886	154	20014	42.214	ng		98
53) 3-Nitroaniline	9.810	138	2563	18.570	ng	#	71
54) 2,4-Dinitrophenol	9.922	184	5753	86.134	ng	#	89
55) Dibenzofuran	10.057	168	31125	42.007	ng		96
56) 4-Nitrophenol	9.986	139	7789	85.612	ng	#	59
57) 2,4-Dinitrotoluene	10.045	165	7899	44.399	ng	#	86
58) Fluorene	10.404	166	24669	43.421	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.180	232	5985	47.490	ng	#	99
60) Diethylphthalate	10.275	149	30079	49.807	ng		98
61) 4-Chlorophenyl-phenyle...	10.392	204	12605	46.982	ng		96
62) 4-Nitroaniline	10.427	138	5485	40.932	ng		92
63) Azobenzene	10.551	77	30981	52.460	ng		86
65) 4,6-Dinitro-2-methylph...	10.457	198	3900	38.794	ng		94
66) n-Nitrosodiphenylamine	10.510	169	21949	42.201	ng		92
67) 4-Bromophenyl-phenylether	10.880	248	7842	44.617	ng		90
68) Hexachlorobenzene	10.945	284	8311	43.464	ng		93
69) Atrazine	11.039	200	7610	48.693	ng		91
70) Pentachlorophenol	11.145	266	8232	90.580	ng		96
71) Phenanthrene	11.363	178	36340	41.747	ng		100
72) Anthracene	11.416	178	37315	42.731	ng		99
73) Carbazole	11.569	167	31219	38.984	ng		96
74) Di-n-butylphthalate	11.892	149	47098	46.276	ng	#	97
75) Fluoranthene	12.551	202	35867	39.829	ng		96
77) Benzidine	12.668	184	8406	18.567	ng		96
78) Pyrene	12.780	202	36066	27.062	ng		99
80) Butylbenzylphthalate	13.392	149	16753	28.247	ng	#	85
81) Benzo(a)anthracene	13.963	228	45549	41.310	ng		100
82) 3,3'-Dichlorobenzidine	13.921	252	8803	30.283	ng		93
83) Chrysene	14.004	228	45625	42.804	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	38987	47.386	ng		100
85) Di-n-octyl phthalate	14.557	149	58329	44.937	ng	#	96
87) Indeno(1,2,3-cd)pyrene	16.880	276	48157	53.708	ng		93
88) Benzo(b)fluoranthene	15.004	252	45260	42.809	ng		98
89) Benzo(k)fluoranthene	15.033	252	37757	39.259	ng		98
90) Benzo(a)pyrene	15.368	252	39744	44.146	ng		95
91) Dibenzo(a,h)anthracene	16.892	278	40599	51.497	ng		99
92) Benzo(g,h,i)perylene	17.321	276	24265	32.087	ng	#	85

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

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