Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082721\
Data File : BF125254.D
Acq On : 27 Aug 2021 15:19
Operator : JU/CG
Sample : M3558-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TPR-14-COMPMS

Manual Integrations APPROVED
mohammad
8/30/2021 10:34:23 AM

Quant Time: Aug 27 17:27:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	200551	20.000	ng		0.00
21) Naphthalene-d8	8.198	136	802721	20.000	ng	#	0.00
39) Acenaphthene-d10	9.957	164	437565	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	808585	20.000	ng	#	0.00
76) Chrysene-d12	14.086	240	442599	20.000	ng	#	0.00
86) Perylene-d12	15.580	264	452646	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.539	112	1410750	106.472	ng		0.01
7) Phenol-d6	6.545	99	1865817	108.880	ng		0.00
23) Nitrobenzene-d5	7.480	82	1243667	77.999	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	593120	135.792	ng		0.00
45) 2-Fluorobiphenyl	9.274	172	2146672	68.376	ng		0.00
79) Terphenyl-d14	13.027	244	2207184	79.445	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	260705	39.874	ng	#	100
3) Pyridine	3.528	79	622993	36.095	ng	#	91
4) n-Nitrosodimethylamine	3.487	42	362696	41.994	ng	#	35
6) Aniline	6.575	93	695315	34.543	ng	#	92
8) 2-Chlorophenol	6.698	128	620805	45.929	ng		81
9) Benzaldehyde	6.463	77	430104	35.764	ng		93
10) Phenol	6.557	94	843316	46.993	ng		97
11) bis(2-Chloroethyl)ether	6.651	93	642027	45.426	ng		88
12) 1,3-Dichlorobenzene	6.857	146	674025	43.032	ng		98
13) 1,4-Dichlorobenzene	6.933	146	686348	43.977	ng		98
14) 1,2-Dichlorobenzene	7.086	146	650828	44.325	ng		98
15) Benzyl Alcohol	7.057	79	589303	44.664	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1183272	41.747	ng		96
17) 2-Methylphenol	7.169	107	555950	48.963	ng		97
18) Hexachloroethane	7.428	117	243519	44.559	ng	#	88
19) n-Nitroso-di-n-propyla...	7.328	70	456278	44.268	ng	#	77
20) 3+4-Methylphenols	7.316	107	632569	44.381	ng		88
22) Acetophenone	7.322	105	864963	41.869	ng	#	88
24) Nitrobenzene	7.498	77	716027	41.213	ng		89
25) Isophorone	7.733	82	1281644	41.667	ng	#	89
26) 2-Nitrophenol	7.816	139	345010	49.731	ng	#	85
27) 2,4-Dimethylphenol	7.845	122	602920	49.643	ng		90
28) bis(2-Chloroethoxy)met...	7.945	93	787645	46.248	ng	#	97
29) 2,4-Dichlorophenol	8.057	162	543555	43.884	ng		97
30) 1,2,4-Trichlorobenzene	8.139	180	562506	41.647	ng		93
31) Naphthalene	8.222	128	1644930	40.013	ng		100
32) Benzoic acid	7.975	122	400445	48.579	ng		90
33) 4-Chloroaniline	8.263	127	231227	14.267	ng	#	91
34) Hexachlorobutadiene	8.333	225	354347	41.144	ng		99
35) Caprolactam	8.645	113	190749m	59.457	ng		
36) 4-Chloro-3-methylphenol	8.751	107	610521	48.283	ng		94
37) 2-Methylnaphthalene	8.910	142	1173295	43.190	ng		100
38) 1-Methylnaphthalene	9.010	142	1098462	43.301	ng		94
40) 1,2,4,5-Tetrachloroben...	9.075	216	587049	41.064	ng		98
41) Hexachlorocyclopentadiene	9.063	237	634107	84.425	ng		98
43) 2,4,6-Trichlorophenol	9.186	196	430469	42.764	ng		97

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44) 2,4,5-Trichlorophenol	9.227	196	474539	44.809	ng		94
46) 1,1'-Biphenyl	9.374	154	1362831	38.632	ng		98
47) 2-Chloronaphthalene	9.404	162	1157887	40.391	ng		96
48) 2-Nitroaniline	9.498	65	440349	49.554	ng		86
49) Acenaphthylene	9.816	152	1760089	42.134	ng		97
50) Dimethylphthalate	9.674	163	1369039	45.149	ng	#	96
51) 2,6-Dinitrotoluene	9.739	165	315363	47.963	ng		91
52) Acenaphthene	9.992	154	1054081	40.704	ng		98
53) 3-Nitroaniline	9.904	138	225552	31.810	ng	#	74
54) 2,4-Dinitrophenol	10.016	184	342287	131.792	ng	#	85
55) Dibenzofuran	10.163	168	1523896	40.889	ng		97
56) 4-Nitrophenol	10.074	139	552680	98.429	ng		83
57) 2,4-Dinitrotoluene	10.145	165	420142	52.796	ng	#	95
58) Fluorene	10.504	166	1200849	43.582	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	377244	48.001	ng	#	84
60) Diethylphthalate	10.374	149	1338583	45.281	ng		98
61) 4-Chlorophenyl-phenyle...	10.492	204	615454	44.178	ng	#	87
62) 4-Nitroaniline	10.527	138	343244	53.833	ng	#	81
63) Azobenzene	10.657	77	1378595	41.577	ng		90
65) 4,6-Dinitro-2-methylph...	10.551	198	226635	52.958	ng		83
66) n-Nitrosodiphenylamine	10.616	169	1172585	40.500	ng		97
67) 4-Bromophenyl-phenylether	10.986	248	418392	43.090	ng	#	88
68) Hexachlorobenzene	11.051	284	446182	44.669	ng	#	85
69) Atrazine	11.139	200	399485	48.084	ng		91
70) Pentachlorophenol	11.245	266	498955	85.549	ng		90
71) Phenanthrene	11.468	178	1796430	40.321	ng		96
72) Anthracene	11.521	178	1848964	42.104	ng		98
73) Carbazole	11.674	167	1620788	40.388	ng		99
74) Di-n-butylphthalate	11.998	149	1988342	41.753	ng		99
75) Fluoranthene	12.657	202	1741725	39.398	ng		98
77) Benzidine	12.774	184	786767	50.898	ng		98
78) Pyrene	12.886	202	1693304	44.600	ng		96
80) Butylbenzylphthalate	13.498	149	684489	45.883	ng	#	91
81) Benzo(a)anthracene	14.074	228	1347162	42.244	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	285742	28.906	ng		97
83) Chrysene	14.109	228	1312317	41.612	ng		97
84) Bis(2-ethylhexyl)phtha...	14.051	149	876014	42.724	ng		99
85) Di-n-octyl phthalate	14.668	149	1421533	41.685	ng		98
87) Indeno(1,2,3-cd)pyrene	17.098	276	1368032	41.952	ng	#	91
88) Benzo(b)fluoranthene	15.139	252	1339778	40.514	ng	#	94
89) Benzo(k)fluoranthene	15.168	252	1309231	42.427	ng		99
90) Benzo(a)pyrene	15.521	252	1332295	45.609	ng	#	95
91) Dibenzo(a,h)anthracene	17.121	278	1146206	40.663	ng	#	95
92) Benzo(g,h,i)perylene	17.556	276	1100828	40.503	ng	#	89

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

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