Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125289.D
Acq On : 31 Aug 2021 15:26
Operator : JU/CG
Sample : M3593-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-280MS

Manual Integrations APPROVED
mohammad
9/1/2021 4:01:59 PM

Quant Time: Aug 31 17:53:02 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	190353	20.000	ng		0.00
21) Naphthalene-d8	8.198	136	757542	20.000	ng	#	0.00
39) Acenaphthene-d10	9.957	164	431200	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	813496	20.000	ng		0.00
76) Chrysene-d12	14.086	240	477535	20.000	ng		0.00
86) Perylene-d12	15.586	264	467383	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	1101598	87.594	ng		0.02
7) Phenol-d6	6.551	99	1431489	88.010	ng		0.01
23) Nitrobenzene-d5	7.481	82	934313	62.092	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	492965	114.528	ng		0.00
45) 2-Fluorobiphenyl	9.275	172	1591983	51.456	ng		0.00
79) Terphenyl-d14	13.027	244	1989424	66.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	225534	36.343	ng	#	100
3) Pyridine	3.528	79	522607	31.901	ng	#	92
4) n-Nitrosodimethylamine	3.481	42	316023	38.550	ng	#	36
6) Aniline	6.581	93	815522	42.685	ng	#	94
8) 2-Chlorophenol	6.704	128	544833	42.467	ng		85
9) Benzaldehyde	6.469	77	388713	34.054	ng		92
10) Phenol	6.563	94	743000	43.621	ng		93
11) bis(2-Chloroethyl)ether	6.651	93	574133	42.799	ng		87
12) 1,3-Dichlorobenzene	6.857	146	599538	40.327	ng		98
13) 1,4-Dichlorobenzene	6.934	146	604455	40.805	ng		98
14) 1,2-Dichlorobenzene	7.087	146	579082	41.551	ng		99
15) Benzyl Alcohol	7.057	79	530163	42.335	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.187	45	1054755	39.206	ng		95
17) 2-Methylphenol	7.169	107	467220	43.353	ng		95
18) Hexachloroethane	7.428	117	216975	41.829	ng	#	86
19) n-Nitroso-di-n-propyla...	7.328	70	404122	41.308	ng	#	76
20) 3+4-Methylphenols	7.322	107	537012	39.696	ng	#	76
22) Acetophenone	7.328	105	750912	38.516	ng	#	90
24) Nitrobenzene	7.498	77	639487	39.002	ng	#	88
25) Isophorone	7.740	82	1150198	39.624	ng	#	90
26) 2-Nitrophenol	7.816	139	305548	46.670	ng	#	83
27) 2,4-Dimethylphenol	7.851	122	496829	43.347	ng		90
28) bis(2-Chloroethoxy)met...	7.945	93	704608	43.839	ng	#	97
29) 2,4-Dichlorophenol	8.057	162	486393	41.611	ng		95
30) 1,2,4-Trichlorobenzene	8.140	180	503518	39.503	ng		96
31) Naphthalene	8.222	128	1474006	37.993	ng		100
32) Benzoic acid	7.981	122	314272	40.399	ng	#	83
33) 4-Chloroaniline	8.269	127	580662	37.965	ng	#	91
34) Hexachlorobutadiene	8.334	225	324592	39.937	ng		100
35) Caprolactam	8.651	113	170195m	56.214	ng		
36) 4-Chloro-3-methylphenol	8.751	107	546412	45.790	ng		90
37) 2-Methylnaphthalene	8.910	142	1044230	40.732	ng		98
38) 1-Methylnaphthalene	9.010	142	964464	40.286	ng		96
40) 1,2,4,5-Tetrachloroben...	9.075	216	530284	37.641	ng		98
41) Hexachlorocyclopentadiene	9.063	237	617143	83.379	ng		99
43) 2,4,6-Trichlorophenol	9.187	196	388836	39.199	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.234	196	420074	40.252	ng	#	91
46) 1,1'-Biphenyl	9.375	154	1231709	35.431	ng		98
47) 2-Chloronaphthalene	9.398	162	1037928	36.740	ng		99
48) 2-Nitroaniline	9.498	65	393019	44.880	ng	#	82
49) Acenaphthylene	9.816	152	1584328	38.486	ng		98
50) Dimethylphthalate	9.681	163	1286375	43.049	ng	#	98
51) 2,6-Dinitrotoluene	9.739	165	283592	43.768	ng	#	82
52) Acenaphthene	9.992	154	942015	36.913	ng		97
53) 3-Nitroaniline	9.910	138	275421	39.416	ng	#	76
54) 2,4-Dinitrophenol	10.022	184	315155	123.137	ng	#	79
55) Dibenzofuran	10.163	168	1427845	38.877	ng		99
56) 4-Nitrophenol	10.081	139	463424	83.751	ng	#	78
57) 2,4-Dinitrotoluene	10.145	165	393682	50.202	ng	#	98
58) Fluorene	10.504	166	1203495	44.323	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.281	232	345050	44.553	ng	#	83
60) Diethylphthalate	10.375	149	1267480	43.509	ng		99
61) 4-Chlorophenyl-phenyle...	10.492	204	573749	41.792	ng		88
62) 4-Nitroaniline	10.533	138	315141	50.155	ng	#	83
63) Azobenzene	10.657	77	1284750	39.318	ng		90
65) 4,6-Dinitro-2-methylph...	10.557	198	207503	48.195	ng	#	76
66) n-Nitrosodiphenylamine	10.616	169	1078770	37.035	ng		98
67) 4-Bromophenyl-phenylether	10.986	248	398434	40.787	ng		90
68) Hexachlorobenzene	11.051	284	423680	42.160	ng	#	86
69) Atrazine	11.145	200	388203	46.444	ng		92
70) Pentachlorophenol	11.251	266	463936	79.065	ng		91
71) Phenanthrene	11.475	178	2776375	61.939	ng		96
72) Anthracene	11.522	178	1962067	44.410	ng		97
73) Carbazole	11.675	167	1581938	39.182	ng		99
74) Di-n-butylphthalate	11.998	149	2059554	42.987	ng		99
75) Fluoranthene	12.663	202	2807903	63.132	ng		97
77) Benzidine	12.780	184	1281952	76.866	ng		98
78) Pyrene	12.892	202	2535115	61.888	ng		94
80) Butylbenzylphthalate	13.498	149	804837	50.003	ng		88
81) Benzo(a)anthracene	14.074	228	1521547	44.222	ng		98
82) 3,3'-Dichlorobenzidine	14.039	252	435385	40.822	ng	#	99
83) Chrysene	14.116	228	1463288	43.004	ng		96
84) Bis(2-ethylhexyl)phtha...	14.057	149	1102203	49.823	ng	#	99
85) Di-n-octyl phthalate	14.674	149	1619730	44.022	ng		98
87) Indeno(1,2,3-cd)pyrene	17.110	276	1588421	47.175	ng	#	89
88) Benzo(b)fluoranthene	15.145	252	1407254	41.213	ng	#	95
89) Benzo(k)fluoranthene	15.174	252	1304088	40.928	ng		98
90) Benzo(a)pyrene	15.527	252	1333684m	44.217	ng		
91) Dibenzo(a,h)anthracene	17.133	278	1331397	45.744	ng	#	94
92) Benzo(g,h,i)perylene	17.574	276	1353181	48.218	ng	#	88

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

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