Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082721\
Data File : BF125255.D
Acq On : 27 Aug 2021 15:52
Operator : JU/CG
Sample : M3558-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TPR-14-COMPMSD

Manual Integrations APPROVED
mohammad
8/30/2021 10:34:26 AM

Quant Time: Aug 27 17:28:44 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	196155	20.000	ng		0.00
21) Naphthalene-d8	8.198	136	780174	20.000	ng	#	0.00
39) Acenaphthene-d10	9.957	164	424415	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	781035	20.000	ng		0.00
76) Chrysene-d12	14.080	240	442564	20.000	ng	#	0.00
86) Perylene-d12	15.580	264	463887	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.539	112	1394587	107.611	ng		0.01
7) Phenol-d6	6.545	99	1824176	108.836	ng		0.00
23) Nitrobenzene-d5	7.481	82	1221503	78.823	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	579921	136.884	ng		0.00
45) 2-Fluorobiphenyl	9.275	172	2104893	69.122	ng		0.00
79) Terphenyl-d14	13.027	244	2201016	79.230	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	256040	40.039	ng	#	100
3) Pyridine	3.528	79	598436	35.449	ng	#	93
4) n-Nitrosodimethylamine	3.487	42	350942	41.544	ng	#	29
6) Aniline	6.575	93	699952	35.552	ng	#	92
8) 2-Chlorophenol	6.698	128	607918	45.983	ng		81
9) Benzaldehyde	6.463	77	419848	35.693	ng		92
10) Phenol	6.557	94	828614	47.208	ng		99
11) bis(2-Chloroethyl)ether	6.651	93	628211	45.445	ng		89
12) 1,3-Dichlorobenzene	6.857	146	669668	43.712	ng		99
13) 1,4-Dichlorobenzene	6.934	146	673130	44.097	ng		99
14) 1,2-Dichlorobenzene	7.086	146	648783	45.176	ng		99
15) Benzyl Alcohol	7.057	79	573484	44.439	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1160197	41.850	ng		97
17) 2-Methylphenol	7.169	107	535220	48.194	ng		96
18) Hexachloroethane	7.428	117	241918	45.258	ng	#	89
19) n-Nitroso-di-n-propyla...	7.328	70	449932	44.630	ng	#	77
20) 3+4-Methylphenols	7.316	107	615404	44.145	ng		89
22) Acetophenone	7.328	105	851729	42.419	ng	#	96
24) Nitrobenzene	7.498	77	703196	41.644	ng		89
25) Isophorone	7.733	82	1257146	42.052	ng	#	88
26) 2-Nitrophenol	7.816	139	339166	50.302	ng	#	85
27) 2,4-Dimethylphenol	7.845	122	577830	48.952	ng		89
28) bis(2-Chloroethoxy)met...	7.945	93	764652	46.195	ng	#	96
29) 2,4-Dichlorophenol	8.057	162	534674	44.415	ng		97
30) 1,2,4-Trichlorobenzene	8.139	180	560204	42.675	ng		95
31) Naphthalene	8.222	128	1635219	40.926	ng		100
32) Benzoic acid	7.975	122	380590	47.504	ng		84
33) 4-Chloroaniline	8.263	127	225792	14.335	ng	#	90
34) Hexachlorobutadiene	8.333	225	349368	41.738	ng		98
35) Caprolactam	8.639	113	184542m	59.185	ng		
36) 4-Chloro-3-methylphenol	8.751	107	592835	48.239	ng		92
37) 2-Methylnaphthalene	8.910	142	1138142	43.107	ng		99
38) 1-Methylnaphthalene	9.010	142	1073025	43.521	ng		96
40) 1,2,4,5-Tetrachloroben...	9.075	216	571889	41.243	ng		99
41) Hexachlorocyclopentadiene	9.063	237	598239	82.117	ng		98
43) 2,4,6-Trichlorophenol	9.186	196	418675	42.881	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	452693	44.071	ng		92
46) 1,1'-Biphenyl	9.375	154	1324681	38.715	ng		98
47) 2-Chloronaphthalene	9.398	162	1112930	40.025	ng		98
48) 2-Nitroaniline	9.498	65	422302	48.995	ng		87
49) Acenaphthylene	9.816	152	1699440	41.943	ng		97
50) Dimethylphthalate	9.675	163	1317234	44.786	ng	#	96
51) 2,6-Dinitrotoluene	9.739	165	299974	47.036	ng		94
52) Acenaphthene	9.992	154	1019767	40.599	ng		98
53) 3-Nitroaniline	9.904	138	214584	31.201	ng	#	78
54) 2,4-Dinitrophenol	10.016	184	328153	130.265	ng	#	83
55) Dibenzofuran	10.163	168	1486802	41.130	ng		97
56) 4-Nitrophenol	10.069	139	538747	98.920	ng	#	76
57) 2,4-Dinitrotoluene	10.145	165	402270	52.117	ng	#	93
58) Fluorene	10.504	166	1170557	43.799	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.274	232	361439	47.415	ng	#	84
60) Diethylphthalate	10.374	149	1297193	45.241	ng		98
61) 4-Chlorophenyl-phenyle...	10.492	204	595173	44.046	ng		89
62) 4-Nitroaniline	10.527	138	330122	53.379	ng	#	80
63) Azobenzene	10.657	77	1340630	41.685	ng		91
65) 4,6-Dinitro-2-methylph...	10.551	198	219457	53.089	ng		86
66) n-Nitrosodiphenylamine	10.616	169	1137161	40.662	ng		99
67) 4-Bromophenyl-phenylether	10.986	248	403253	42.996	ng	#	88
68) Hexachlorobenzene	11.051	284	437750	45.370	ng	#	84
69) Atrazine	11.139	200	396843	49.451	ng		92
70) Pentachlorophenol	11.245	266	489472	86.884	ng		92
71) Phenanthrene	11.469	178	1777853	41.311	ng		97
72) Anthracene	11.521	178	1827141	43.074	ng		98
73) Carbazole	11.674	167	1585963	40.915	ng		99
74) Di-n-butylphthalate	11.998	149	2019175	43.896	ng		99
75) Fluoranthene	12.657	202	1713907	40.137	ng		98
77) Benzidine	12.774	184	818690	52.968	ng		98
78) Pyrene	12.886	202	1686017	44.412	ng		96
80) Butylbenzylphthalate	13.498	149	705578	47.300	ng		89
81) Benzo(a)anthracene	14.074	228	1331933	41.770	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	280281	28.356	ng	#	97
83) Chrysene	14.110	228	1310524	41.558	ng		98
84) Bis(2-ethylhexyl)phtha...	14.057	149	907304	44.254	ng	#	98
85) Di-n-octyl phthalate	14.668	149	1484591	43.537	ng		98
87) Indeno(1,2,3-cd)pyrene	17.098	276	1416484	42.385	ng	#	90
88) Benzo(b)fluoranthene	15.139	252	1473737	43.485	ng	#	94
89) Benzo(k)fluoranthene	15.168	252	1236945	39.113	ng		99
90) Benzo(a)pyrene	15.521	252	1359633	45.417	ng	#	95
91) Dibenzo(a,h)anthracene	17.121	278	1190075	41.197	ng	#	95
92) Benzo(g,h,i)perylene	17.562	276	1128105	40.501	ng	#	87

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

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