Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062921\
Data File : BP006101.D
Acq On : 29 Jun 2021 20:53
Operator : CG/JU
Sample : M2885-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
26644MSD

Manual Integrations APPROVED
mohammad
6/30/2021 2:13:58 PM

Quant Time: Jun 30 01:13:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 11:34:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	110680	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	394369	20.000	ng	#	0.00
39) Acenaphthene-d10	14.534	164	207466	20.000	ng		0.00
64) Phenanthrene-d10	17.292	188	345840	20.000	ng	#	0.01
76) Chrysene-d12	21.363	240	376789	20.000	ng	#	0.00
86) Perylene-d12	23.757	264	449292	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	521628	75.625	ng		0.00
7) Phenol-d6	7.087	99	626644	70.093	ng		0.00
23) Nitrobenzene-d5	9.069	82	390660	48.566	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	262441	73.714	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	835262	52.867	ng		0.00
79) Terphenyl-d14	19.833	244	1048896	52.126	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	118471	38.018	ng		97
3) Pyridine	3.758	79	305891	41.765	ng		98
4) n-Nitrosodimethylamine	3.669	42	136500	40.095	ng	#	78
6) Aniline	7.234	93	421311	42.211	ng		99
8) 2-Chlorophenol	7.469	128	381326	48.217	ng		99
9) Benzaldehyde	7.046	77	216349	56.766	ng		98
10) Phenol	7.110	94	440843	49.361	ng		96
11) bis(2-Chloroethyl)ether	7.328	93	340952	50.379	ng		99
12) 1,3-Dichlorobenzene	7.787	146	421020	47.610	ng		99
13) 1,4-Dichlorobenzene	7.934	146	429042	47.575	ng		99
14) 1,2-Dichlorobenzene	8.252	146	405748	47.069	ng		98
15) Benzyl Alcohol	8.152	79	319627	47.466	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.434	45	293131	46.856	ng		99
17) 2-Methylphenol	8.363	107	292109	48.004	ng		98
18) Hexachloroethane	8.975	117	156136	47.864	ng		99
19) n-Nitroso-di-n-propyla...	8.722	70	246582	44.834	ng		94
20) 3+4-Methylphenols	8.693	107	387317	47.120	ng		96
22) Acetophenone	8.734	105	517684	49.873	ng		97
24) Nitrobenzene	9.116	77	375966	45.010	ng		99
25) Isophorone	9.646	82	640361	43.108	ng		99
26) 2-Nitrophenol	9.822	139	197473	49.549	ng		94
27) 2,4-Dimethylphenol	9.893	122	318051	53.567	ng		99
28) bis(2-Chloroethoxy)met...	10.116	93	403140	52.000	ng		99
29) 2,4-Dichlorophenol	10.369	162	327361	45.879	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	366639	45.730	ng		97
31) Naphthalene	10.757	128	1048914	45.969	ng		99
32) Benzoic acid	10.104	122	205522	46.436	ng		94
33) 4-Chloroaniline	10.875	127	245386	26.620	ng		100
34) Hexachlorobutadiene	11.034	225	244614	45.107	ng		99
35) Caprolactam	11.698	113	96433	46.920	ng		96
36) 4-Chloro-3-methylphenol	12.010	107	327284	45.173	ng		96
37) 2-Methylnaphthalene	12.363	142	721558	44.415	ng		99
38) 1-Methylnaphthalene	12.581	142	658417	43.026	ng		99
40) 1,2,4,5-Tetrachloroben...	12.734	216	378219	51.792	ng		99
41) Hexachlorocyclopentadiene	12.704	237	285611	77.989	ng		97
43) 2,4,6-Trichlorophenol	12.981	196	244532	48.819	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	264474	49.028	ng		96
46) 1,1'-Biphenyl	13.369	154	843902	50.450	ng		99
47) 2-Chloronaphthalene	13.416	162	667248	48.849	ng		98
48) 2-Nitroaniline	13.628	65	185551	51.665	ng		95
49) Acenaphthylene	14.257	152	998775	47.660	ng		99
50) Dimethylphthalate	13.998	163	800173	46.909	ng		99
51) 2,6-Dinitrotoluene	14.122	165	182150	46.981	ng		94
52) Acenaphthene	14.604	154	576553	45.305	ng		99
53) 3-Nitroaniline	14.457	138	160056	42.594	ng	#	95
54) 2,4-Dinitrophenol	14.675	184	145667	64.192	ng		97
55) Dibenzofuran	14.939	168	898983	42.955	ng		99
56) 4-Nitrophenol	14.787	139	265112	87.041	ng	#	85
57) 2,4-Dinitrotoluene	14.916	165	221028	42.624	ng	#	92
58) Fluorene	15.586	166	694878	42.613	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.175	232	201068m	42.292	ng		
60) Diethylphthalate	15.357	149	753861	44.049	ng		97
61) 4-Chlorophenyl-phenyle...	15.575	204	374272	44.263	ng		96
62) 4-Nitroaniline	15.616	138	143257	37.039	ng		97
63) Azobenzene	15.875	77	618170	39.925	ng		91
65) 4,6-Dinitro-2-methylph...	15.681	198	89324	35.147	ng	#	66
66) n-Nitrosodiphenylamine	15.798	169	604272	52.689	ng		98
67) 4-Bromophenyl-phenylether	16.475	248	237146	53.424	ng		96
68) Hexachlorobenzene	16.598	284	289463	54.404	ng		99
69) Atrazine	16.757	200	223544	62.650	ng		88
70) Pentachlorophenol	16.951	266	316547	106.997	ng		99
71) Phenanthrene	17.333	178	1009120	48.587	ng		96
72) Anthracene	17.428	178	1014112	49.612	ng		98
73) Carbazole	17.698	167	910293	46.384	ng		95
74) Di-n-butylphthalate	18.239	149	1131572	49.766	ng		97
75) Fluoranthene	19.298	202	1153443	45.731	ng		98
77) Benzidine	19.475	184	436061	55.618	ng	#	87
78) Pyrene	19.651	202	1179976	44.859	ng		98
80) Butylbenzylphthalate	20.504	149	519459	48.001	ng		98
81) Benzo(a)anthracene	21.345	228	1242823	45.694	ng		99
82) 3,3'-Dichlorobenzidine	21.274	252	246096	26.171	ng	#	97
83) Chrysene	21.398	228	1237015	46.957	ng		99
84) Bis(2-ethylhexyl)phtha...	21.257	149	788482	49.680	ng		98
85) Di-n-octyl phthalate	22.174	149	1453512	51.193	ng		99
87) Indeno(1,2,3-cd)pyrene	26.292	276	1914765	49.836	ng		98
88) Benzo(b)fluoranthene	23.027	252	1487339	48.333	ng		99
89) Benzo(k)fluoranthene	23.074	252	1416391	47.467	ng	#	98
90) Benzo(a)pyrene	23.657	252	1442110	49.847	ng	#	98
91) Dibenzo(a,h)anthracene	26.304	278	1641352	49.634	ng		99
92) Benzo(g,h,i)perylene	27.068	276	1626128	49.778	ng		98

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

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