Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091621\
Data File : BP007010.D
Acq On : 16 Sep 2021 23:26
Operator : CG/JU
Sample : M3687-20MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A016095MSD

Manual Integrations APPROVED
mohammad
9/17/2021 11:29:57 AM

Quant Time: Sep 17 02:40:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 16 15:16:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	329414	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	1304509	20.000	ng	#-0.01
39) Acenaphthene-d10	14.539	164	824678	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	1699233	20.000	ng	# 0.00
76) Chrysene-d12	21.363	240	1739354	20.000	ng	#-0.02
86) Perylene-d12	23.774	264	1767662	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1834682	90.946	ng	0.00
7) Phenol-d6	7.075	99	2323284	84.377	ng	0.00
23) Nitrobenzene-d5	9.069	82	1289761	55.530	ng	-0.01
42) 2,4,6-Tribromophenol	16.028	330	872537	87.978	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	3127176	52.349	ng	0.00
79) Terphenyl-d14	19.839	244	4621942	50.983	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	317845	35.982	ng	# 88
3) Pyridine	3.775	79	757083	33.333	ng	# 86
4) n-Nitrosodimethylamine	3.687	42	327696	39.275	ng	# 81
6) Aniline	7.240	93	879526	29.644	ng	98
8) 2-Chlorophenol	7.475	128	899624	39.788	ng	98
9) Benzaldehyde	7.052	77	482398	37.543	ng	93
10) Phenol	7.105	94	1139543	41.054	ng	90
11) bis(2-Chloroethyl)ether	7.334	93	832507	38.911	ng	94
12) 1,3-Dichlorobenzene	7.799	146	974545	38.469	ng	97
13) 1,4-Dichlorobenzene	7.946	146	993688	38.687	ng	98
14) 1,2-Dichlorobenzene	8.263	146	955333	38.842	ng	98
15) Benzyl Alcohol	8.152	79	722037	40.657	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.440	45	972111	38.866	ng	89
17) 2-Methylphenol	8.351	107	747681	41.935	ng	94
18) Hexachloroethane	8.993	117	340354	39.899	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	576563	38.140	ng	100
20) 3+4-Methylphenols	8.681	107	1013274	41.987	ng	95
22) Acetophenone	8.734	105	1273274	38.700	ng	# 99
24) Nitrobenzene	9.116	77	883599	36.465	ng	96
25) Isophorone	9.640	82	1557447	36.275	ng	99
26) 2-Nitrophenol	9.822	139	432177	41.137	ng	# 90
27) 2,4-Dimethylphenol	9.887	122	846349	45.782	ng	96
28) bis(2-Chloroethoxy)met...	10.122	93	1061301	40.740	ng	99
29) 2,4-Dichlorophenol	10.357	162	853030	40.389	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	894218	37.234	ng	99
31) Naphthalene	10.763	128	2640449	36.530	ng	99
32) Benzoic acid	10.016	122	551680	41.090	ng	93
33) 4-Chloroaniline	10.869	127	438676	15.631	ng	98
34) Hexachlorobutadiene	11.051	225	518982	36.695	ng	99
35) Caprolactam	11.657	113	259782m	44.701	ng	
36) 4-Chloro-3-methylphenol	11.992	107	868768	40.777	ng	97
37) 2-Methylnaphthalene	12.369	142	1924965	37.565	ng	96
38) 1-Methylnaphthalene	12.587	142	1785312	36.896	ng	# 100
40) 1,2,4,5-Tetrachloroben...	12.740	216	989347	37.698	ng	99
41) Hexachlorocyclopentadiene	12.722	237	1286815	98.707	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	676576	39.880	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	738880	39.528	ng		97
46) 1,1'-Biphenyl	13.375	154	2343940	36.437	ng		99
47) 2-Chloronaphthalene	13.416	162	1879911	37.090	ng		97
48) 2-Nitroaniline	13.616	65	491618	42.331	ng		97
49) Acenaphthylene	14.263	152	2993754	38.978	ng		100
50) Dimethylphthalate	13.998	163	2343849	38.940	ng		100
51) 2,6-Dinitrotoluene	14.116	165	508201	38.796	ng		91
52) Acenaphthene	14.604	154	1789370	36.808	ng		99
53) 3-Nitroaniline	14.439	138	375186	28.653	ng		100
54) 2,4-Dinitrophenol	14.645	184	553111	79.630	ng		91
55) Dibenzofuran	14.934	168	2887335	36.669	ng		95
56) 4-Nitrophenol	14.745	139	979905	88.176	ng	#	79
57) 2,4-Dinitrotoluene	14.898	165	699427	41.717	ng		94
58) Fluorene	15.586	166	2301138	37.444	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	621986m	38.686	ng		
60) Diethylphthalate	15.363	149	2276301	39.322	ng		98
61) 4-Chlorophenyl-phenyle...	15.581	204	1166775	37.852	ng		91
62) 4-Nitroaniline	15.604	138	543943	41.324	ng	#	81
63) Azobenzene	15.869	77	2040963	38.070	ng		96
65) 4,6-Dinitro-2-methylph...	15.657	198	351969	34.157	ng		93
66) n-Nitrosodiphenylamine	15.792	169	2033252	37.598	ng		99
67) 4-Bromophenyl-phenylether	16.475	248	704799	37.522	ng		97
68) Hexachlorobenzene	16.592	284	800459	37.907	ng		97
69) Atrazine	16.751	200	720807	44.826	ng		96
70) Pentachlorophenol	16.933	266	1088116	85.805	ng		99
71) Phenanthrene	17.328	178	3643555	36.961	ng		99
72) Anthracene	17.416	178	3685459	39.076	ng		99
73) Carbazole	17.686	167	3407809	37.038	ng		99
74) Di-n-butylphthalate	18.239	149	3918937	41.646	ng		98
75) Fluoranthene	19.286	202	4304498	37.911	ng		96
77) Benzidine	19.469	184	2608864	96.003	ng		99
78) Pyrene	19.639	202	4481165	37.179	ng		98
80) Butylbenzylphthalate	20.516	149	1758316	41.670	ng		96
81) Benzo(a)anthracene	21.345	228	4313161	36.493	ng		98
82) 3,3'-Dichlorobenzidine	21.280	252	1464081	43.564	ng		98
83) Chrysene	21.398	228	4248866	36.635	ng		98
84) Bis(2-ethylhexyl)phtha...	21.274	149	2616090	42.177	ng		98
85) Di-n-octyl phthalate	22.198	149	4433089	43.729	ng		99
87) Indeno(1,2,3-cd)pyrene	26.304	276	5152461	38.408	ng	#	94
88) Benzo(b)fluoranthene	23.039	252	4568361	38.050	ng	#	98
89) Benzo(k)fluoranthene	23.086	252	4384989	37.524	ng	#	98
90) Benzo(a)pyrene	23.668	252	4345430	40.359	ng	#	97
91) Dibenzo(a,h)anthracene	26.321	278	4412291	38.021	ng	#	95
92) Benzo(g,h,i)perylene	27.080	276	4298275	38.391	ng	#	93

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

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