Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006073.D
Acq On : 28 Jun 2021 12:41
Operator : CG/JU
Sample : M2824-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ABN-1MS

Manual Integrations APPROVED
mohammad
6/29/2021 2:29:51 PM

Quant Time: Jun 28 13:13:41 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	7.905	152	71766	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	273030	20.000	ng	#	0.00
39) Acenaphthene-d10	14.534	164	164199	20.000	ng		0.00
64) Phenanthrene-d10	17.281	188	327050	20.000	ng	#	0.00
76) Chrysene-d12	21.357	240	386085	20.000	ng		0.00
86) Perylene-d12	23.757	264	463376	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	19428	4.344	ng		0.01
7) Phenol-d6	7.087	99	109135	18.826	ng		0.00
23) Nitrobenzene-d5	9.069	82	363293	65.235	ng		0.00
42) 2,4,6-Tribromophenol	16.028	330	6170	2.190	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	798169	63.831	ng		0.00
79) Terphenyl-d14	19.827	244	1258596	61.041	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	69651	34.471	ng		99
3) Pyridine	3.758	79	174877	36.824	ng		98
4) n-Nitrosodimethylamine	3.664	42	82667	37.449	ng	#	87
6) Aniline	7.228	93	277934	42.945	ng		100
8) 2-Chlorophenol	7.469	128	235740	45.972	ng		97
9) Benzaldehyde	7.046	77	132536	53.631	ng		96
10) Phenol	7.111	94	278444	48.082	ng		97
11) bis(2-Chloroethyl)ether	7.328	93	200117	45.603	ng		98
12) 1,3-Dichlorobenzene	7.787	146	249946	43.591	ng		98
13) 1,4-Dichlorobenzene	7.940	146	258062	44.132	ng		98
14) 1,2-Dichlorobenzene	8.258	146	244196	43.689	ng		99
15) Benzyl Alcohol	8.152	79	200908	46.013	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.434	45	173879	42.865	ng		99
17) 2-Methylphenol	8.363	107	189085	47.922	ng		97
18) Hexachloroethane	8.981	117	91852	43.425	ng		96
19) n-Nitroso-di-n-propyla...	8.716	70	156020	43.749	ng		95
20) 3+4-Methylphenols	8.693	107	250587	47.017	ng		97
22) Acetophenone	8.734	105	329071	45.791	ng		97
24) Nitrobenzene	9.116	77	236629	40.919	ng		99
25) Isophorone	9.640	82	410025	39.869	ng		99
26) 2-Nitrophenol	9.822	139	123356	44.707	ng		95
27) 2,4-Dimethylphenol	9.893	122	202140	49.175	ng		99
28) bis(2-Chloroethoxy)met...	10.122	93	253811	47.288	ng		99
29) 2,4-Dichlorophenol	10.369	162	215864	43.698	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	231011	41.619	ng		98
31) Naphthalene	10.757	128	675416	42.755	ng		99
32) Benzoic acid	10.081	122	131663	43.441	ng		95
33) 4-Chloroaniline	10.875	127	172061	26.961	ng		98
34) Hexachlorobutadiene	11.034	225	149346	39.779	ng		98
35) Caprolactam	11.687	113	67326	47.316	ng		97
36) 4-Chloro-3-methylphenol	12.010	107	226543	45.165	ng		97
37) 2-Methylnaphthalene	12.363	142	479454	42.628	ng		99
38) 1-Methylnaphthalene	12.581	142	445204	42.023	ng		100
40) 1,2,4,5-Tetrachloroben...	12.734	216	254358	44.009	ng		100
41) Hexachlorocyclopentadiene	12.710	237	216664	74.980	ng		99
43) 2,4,6-Trichlorophenol	12.981	196	167350	42.214	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	185614	43.476	ng	98
46) 1,1'-Biphenyl	13.375	154	584648	44.161	ng	100
47) 2-Chloronaphthalene	13.416	162	463157	42.842	ng	98
48) 2-Nitroaniline	13.628	65	128599	45.242	ng	97
49) Acenaphthylene	14.257	152	741930	44.733	ng	99
50) Dimethylphthalate	13.998	163	588879	43.619	ng	100
51) 2,6-Dinitrotoluene	14.122	165	131636	42.899	ng	96
52) Acenaphthene	14.598	154	431621	42.853	ng	99
53) 3-Nitroaniline	14.451	138	93680	31.499	ng	97
54) 2,4-Dinitrophenol	14.669	184	137473	75.611	ng	97
55) Dibenzofuran	14.934	168	694645	41.937	ng	99
56) 4-Nitrophenol	14.787	139	201790	83.708	ng	93
57) 2,4-Dinitrotoluene	14.910	165	183740	44.770	ng	100
58) Fluorene	15.581	166	553813	42.912	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	160853m	42.749	ng	
60) Diethylphthalate	15.357	149	591024	43.634	ng	100
61) 4-Chlorophenyl-phenyle...	15.575	204	282173	42.164	ng	99
62) 4-Nitroaniline	15.616	138	136744	44.671	ng	92
63) Azobenzene	15.869	77	513873	41.934	ng	94
65) 4,6-Dinitro-2-methylph...	15.681	198	95389	39.689	ng	97
66) n-Nitrosodiphenylamine	15.792	169	490834	45.257	ng	99
67) 4-Bromophenyl-phenylether	16.469	248	183860	43.800	ng	99
68) Hexachlorobenzene	16.586	284	222136	44.148	ng	98
69) Atrazine	16.745	200	183534	54.392	ng	97
70) Pentachlorophenol	16.939	266	246265	88.024	ng	100
71) Phenanthrene	17.322	178	878804	44.744	ng	99
72) Anthracene	17.416	178	896273	46.366	ng	100
73) Carbazole	17.692	167	814828	43.905	ng	100
74) Di-n-butylphthalate	18.233	149	1004398	46.711	ng	99
75) Fluoranthene	19.286	202	1069955	44.858	ng	98
77) Benzidine	19.469	184	672325	83.689	ng	100
78) Pyrene	19.639	202	1113310	41.305	ng	99
80) Butylbenzylphthalate	20.504	149	487142	43.931	ng	96
81) Benzo(a)anthracene	21.339	228	1173125	42.093	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	403113	41.837	ng	98
83) Chrysene	21.392	228	1170639	43.367	ng	99
84) Bis(2-ethylhexyl)phtha...	21.257	149	727883	44.757	ng	99
85) Di-n-octyl phthalate	22.174	149	1331963	45.783	ng	99
87) Indeno(1,2,3-cd)pyrene	26.286	276	1791820	45.219	ng	98
88) Benzo(b)fluoranthene	23.027	252	1427452	44.977	ng	100
89) Benzo(k)fluoranthene	23.074	252	1308182	42.508	ng	99
90) Benzo(a)pyrene	23.657	252	1366905	45.811	ng	98
91) Dibenzo(a,h)anthracene	26.298	278	1530655	44.880	ng	98
92) Benzo(g,h,i)perylene	27.062	276	1526607	45.311	ng	96

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

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