Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006055.D
Acq On : 24 Jun 2021 16:21
Operator : CG/JU
Sample : M2824-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ABN-1MSD

Manual Integrations APPROVED
mohammad
6/25/2021 1:11:05 PM

Quant Time: Jun 24 18:05:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 17:52:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	67797	20.000	ng		-0.01
21) Naphthalene-d8	10.716	136	254044	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	153331	20.000	ng		0.00
64) Phenanthrene-d10	17.292	188	313667	20.000	ng		0.00
76) Chrysene-d12	21.363	240	381328	20.000	ng		0.00
86) Perylene-d12	23.768	264	458264	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	18828	4.456	ng		0.00
7) Phenol-d6	7.093	99	99792	18.222	ng		0.00
23) Nitrobenzene-d5	9.081	82	334485	64.551	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	5945	2.259	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	747933	64.053	ng		0.00
79) Terphenyl-d14	19.839	244	1251613	61.460	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	67559	35.393	ng		98
3) Pyridine	3.769	79	176765	39.401	ng		99
4) n-Nitrosodimethylamine	3.675	42	79657	38.198	ng		81
6) Aniline	7.240	93	236523	38.686	ng		99
8) 2-Chlorophenol	7.481	128	219668	45.345	ng		99
9) Benzaldehyde	7.052	77	125598	53.799	ng		97
10) Phenol	7.122	94	254784	46.572	ng		96
11) bis(2-Chloroethyl)ether	7.340	93	193244	46.615	ng		98
12) 1,3-Dichlorobenzene	7.799	146	238927	44.108	ng		99
13) 1,4-Dichlorobenzene	7.946	146	240790	43.589	ng		98
14) 1,2-Dichlorobenzene	8.263	146	232196	43.974	ng		99
15) Benzyl Alcohol	8.163	79	185773	45.038	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.446	45	166345	43.408	ng		98
17) 2-Methylphenol	8.369	107	173352	46.507	ng		97
18) Hexachloroethane	8.987	117	88911	44.496	ng		95
19) n-Nitroso-di-n-propyla...	8.728	70	144577	42.914	ng		95
20) 3+4-Methylphenols	8.699	107	232795	46.235	ng		96
22) Acetophenone	8.746	105	300866	44.995	ng	#	97
24) Nitrobenzene	9.122	77	220666	41.010	ng		99
25) Isophorone	9.651	82	385658	40.302	ng		98
26) 2-Nitrophenol	9.834	139	116227	45.272	ng		95
27) 2,4-Dimethylphenol	9.898	122	193135	50.496	ng		99
28) bis(2-Chloroethoxy)met...	10.128	93	234870	47.029	ng		99
29) 2,4-Dichlorophenol	10.375	162	202007	43.949	ng		99
30) 1,2,4-Trichlorobenzene	10.581	180	217567	42.126	ng		97
31) Naphthalene	10.769	128	623304	42.405	ng		99
32) Benzoic acid	10.081	122	116832	41.721	ng		100
33) 4-Chloroaniline	10.887	127	144454	24.327	ng		98
34) Hexachlorobutadiene	11.045	225	143120	40.969	ng		99
35) Caprolactam	11.693	113	62947	47.544	ng		95
36) 4-Chloro-3-methylphenol	12.022	107	211294	45.273	ng		99
37) 2-Methylnaphthalene	12.375	142	445252	42.545	ng		97
38) 1-Methylnaphthalene	12.592	142	413652	41.962	ng		99
40) 1,2,4,5-Tetrachloroben...	12.745	216	237687	44.040	ng		99
41) Hexachlorocyclopentadiene	12.716	237	229374	84.269	ng		97
43) 2,4,6-Trichlorophenol	12.987	196	160734	43.419	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	170677	42.811	ng	97
46) 1,1'-Biphenyl	13.381	154	541804	43.825	ng	100
47) 2-Chloronaphthalene	13.422	162	430718	42.666	ng	98
48) 2-Nitroaniline	13.634	65	120304	45.324	ng	97
49) Acenaphthylene	14.269	152	693565	44.781	ng	99
50) Dimethylphthalate	14.004	163	559999	44.420	ng	100
51) 2,6-Dinitrotoluene	14.128	165	124212	43.348	ng	99
52) Acenaphthene	14.604	154	406116	43.179	ng	99
53) 3-Nitroaniline	14.463	138	79835	28.747	ng	97
54) 2,4-Dinitrophenol	14.675	184	150808	87.977	ng	99
55) Dibenzofuran	14.939	168	652536	42.187	ng	99
56) 4-Nitrophenol	14.792	139	195116	86.677	ng	93
57) 2,4-Dinitrotoluene	14.916	165	173190	45.190	ng	99
58) Fluorene	15.592	166	523101	43.405	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	153869m	43.791	ng	
60) Diethylphthalate	15.363	149	577266	45.639	ng	100
61) 4-Chlorophenyl-phenyle...	15.581	204	267292	42.772	ng	99
62) 4-Nitroaniline	15.622	138	129959	45.464	ng	96
63) Azobenzene	15.875	77	480103	41.955	ng	96
65) 4,6-Dinitro-2-methylph...	15.686	198	97884	42.465	ng	99
66) n-Nitrosodiphenylamine	15.798	169	459579	44.183	ng	99
67) 4-Bromophenyl-phenylether	16.475	248	175807	43.668	ng	97
68) Hexachlorobenzene	16.598	284	213775	44.299	ng	96
69) Atrazine	16.757	200	177761	54.929	ng	98
70) Pentachlorophenol	16.945	266	246984	92.047	ng	99
71) Phenanthrene	17.333	178	835666	44.363	ng	100
72) Anthracene	17.422	178	849959	45.847	ng	100
73) Carbazole	17.698	167	778408	43.732	ng	99
74) Di-n-butylphthalate	18.239	149	986830	47.852	ng	100
75) Fluoranthene	19.292	202	1043506	45.615	ng	98
77) Benzidine	19.474	184	712544	89.801	ng	99
78) Pyrene	19.645	202	1081581	40.629	ng	99
80) Butylbenzylphthalate	20.510	149	497081	45.386	ng	98
81) Benzo(a)anthracene	21.351	228	1152899	41.884	ng	100
82) 3,3'-Dichlorobenzidine	21.280	252	347369	36.501	ng	97
83) Chrysene	21.404	228	1155373	43.336	ng	100
84) Bis(2-ethylhexyl)phtha...	21.263	149	749827	46.682	ng	100
85) Di-n-octyl phthalate	22.186	149	1357577	47.245	ng	99
87) Indeno(1,2,3-cd)pyrene	26.309	276	1764169	45.018	ng	99
88) Benzo(b)fluoranthene	23.039	252	1388283	44.231	ng	99
89) Benzo(k)fluoranthene	23.086	252	1304196	42.851	ng	99
90) Benzo(a)pyrene	23.668	252	1353636	45.873	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	1495633	44.342	ng	99
92) Benzo(g,h,i)perylene	27.086	276	1498348	44.969	ng	98

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

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