Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060821\
Data File : BP005795.D
Acq On : 09 Jun 2021 04:45
Operator : CG/JU
Sample : M2589-21MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)MS

Manual Integrations APPROVED
mohammad
6/9/2021 3:53:21 PM

Quant Time: Jun 09 12:01:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 11:54:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	77455	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	291667	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	172302	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	344149	20.000	ng	0.00
76) Chrysene-d12	21.392	240	361999	20.000	ng	0.00
86) Perylene-d12	23.815	264	445287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	654826	135.660	ng	0.00
7) Phenol-d6	7.122	99	695321	111.137	ng	0.00
23) Nitrobenzene-d5	9.122	82	537553	90.359	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	380072	128.540	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	1121100	85.440	ng	0.00
79) Terphenyl-d14	19.869	244	1738899	89.947	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	87345	40.053	ng	# 45
3) Pyridine	3.817	79	163338	31.868	ng	100
4) n-Nitrosodimethylamine	3.711	42	112168	47.081	ng	97
6) Aniline	7.281	93	198377	28.401	ng	99
8) 2-Chlorophenol	7.522	128	271670	49.087	ng	99
9) Benzaldehyde	7.093	77	86237	32.333	ng	98
10) Phenol	7.152	94	264776	42.364	ng	96
11) bis(2-Chloroethyl)ether	7.381	93	238617	50.383	ng	100
12) 1,3-Dichlorobenzene	7.846	146	287461	46.451	ng	98
13) 1,4-Dichlorobenzene	7.993	146	295113	46.761	ng	98
14) 1,2-Dichlorobenzene	8.310	146	282920	46.899	ng	98
15) Benzyl Alcohol	8.199	79	240331	50.999	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.493	45	206580	47.186	ng	98
17) 2-Methylphenol	8.405	107	207717	48.778	ng	99
18) Hexachloroethane	9.040	117	110148	48.250	ng	97
19) n-Nitroso-di-n-propyla...	8.769	70	182043	47.297	ng	99
20) 3+4-Methylphenols	8.734	107	275297	47.859	ng	97
22) Acetophenone	8.787	105	386981	50.408	ng	99
24) Nitrobenzene	9.163	77	290161	46.970	ng	97
25) Isophorone	9.693	82	487152	44.342	ng	100
26) 2-Nitrophenol	9.875	139	141720	48.081	ng	97
27) 2,4-Dimethylphenol	9.940	122	235166	53.554	ng	96
28) bis(2-Chloroethoxy)met...	10.175	93	293732	51.228	ng	98
29) 2,4-Dichlorophenol	10.410	162	253597	48.056	ng	99
30) 1,2,4-Trichlorobenzene	10.628	180	273342	46.098	ng	100
31) Naphthalene	10.816	128	785946	46.573	ng	99
32) Benzoic acid	10.081	122	82487	28.090	ng	98
33) 4-Chloroaniline	10.934	127	66252	9.718	ng	97
34) Hexachlorobutadiene	11.099	225	182688	45.550	ng	96
35) Caprolactam	11.722	113	57408m	37.768	ng	
36) 4-Chloro-3-methylphenol	12.046	107	253177	47.249	ng	98
37) 2-Methylnaphthalene	12.422	142	561129	46.702	ng	99
38) 1-Methylnaphthalene	12.640	142	514588	45.468	ng	97
40) 1,2,4,5-Tetrachloroben...	12.787	216	306065	50.465	ng	98
41) Hexachlorocyclopentadiene	12.763	237	342319	110.111	ng	98
43) 2,4,6-Trichlorophenol	13.022	196	201106	48.343	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	216554	48.337	ng	98
46) 1,1'-Biphenyl	13.422	154	708455	50.996	ng	100
47) 2-Chloronaphthalene	13.463	162	544629	48.009	ng	97
48) 2-Nitroaniline	13.669	65	151470	50.782	ng	97
49) Acenaphthylene	14.304	152	863747	49.629	ng	100
50) Dimethylphthalate	14.045	163	691235	48.793	ng	99
51) 2,6-Dinitrotoluene	14.163	165	152003	47.206	ng	97
52) Acenaphthene	14.645	154	497087	47.032	ng	99
53) 3-Nitroaniline	14.487	138	94890	30.406	ng	98
54) 2,4-Dinitrophenol	14.698	184	104509	56.113	ng	92
55) Dibenzofuran	14.981	168	803300	46.216	ng	96
56) 4-Nitrophenol	14.798	139	218939	86.551	ng	97
57) 2,4-Dinitrotoluene	14.945	165	205457	47.707	ng	94
58) Fluorene	15.628	166	631467	46.628	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.210	232	184702m	46.778	ng	
60) Diethylphthalate	15.398	149	691109	48.623	ng	100
61) 4-Chlorophenyl-phenyle...	15.622	204	324580	46.220	ng	96
62) 4-Nitroaniline	15.651	138	146331	45.555	ng	96
63) Azobenzene	15.916	77	600181	46.674	ng	98
65) 4,6-Dinitro-2-methylph...	15.710	198	89389	35.345	ng	99
66) n-Nitrosodiphenylamine	15.834	169	561030	49.159	ng	98
67) 4-Bromophenyl-phenylether	16.516	248	213770	48.395	ng	97
68) Hexachlorobenzene	16.634	284	250584	47.328	ng	97
69) Atrazine	16.786	200	216115	60.866	ng	99
70) Pentachlorophenol	16.981	266	304246	103.345	ng	99
71) Phenanthrene	17.369	178	1000434	48.406	ng	100
72) Anthracene	17.463	178	1006584	49.486	ng	99
73) Carbazole	17.728	167	912996	46.750	ng	99
74) Di-n-butylphthalate	18.275	149	1149915	50.822	ng	99
75) Fluoranthene	19.327	202	1179534	46.995	ng	98
77) Benzidine	19.504	184	307362	40.805	ng	100
78) Pyrene	19.675	202	1208736	47.830	ng	99
80) Butylbenzylphthalate	20.539	149	530471	51.021	ng	98
81) Benzo(a)anthracene	21.380	228	1237614	47.362	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	274004	30.329	ng	99
83) Chrysene	21.433	228	1201933	47.489	ng	100
84) Bis(2-ethylhexyl)phtha...	21.298	149	791623	51.915	ng	100
85) Di-n-octyl phthalate	22.221	149	1445090	52.976	ng	100
87) Indeno(1,2,3-cd)pyrene	26.380	276	1985596	52.144	ng	99
88) Benzo(b)fluoranthene	23.080	252	1490008	48.855	ng	99
89) Benzo(k)fluoranthene	23.127	252	1366351	46.202	ng	99
90) Benzo(a)pyrene	23.715	252	1424891	49.695	ng	99
91) Dibenzo(a,h)anthracene	26.386	278	1692824	51.651	ng	99
92) Benzo(g,h,i)perylene	27.162	276	1717573	53.050	ng	98

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

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