Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062121\
Data File : BP005990.D
Acq On : 21 Jun 2021 12:38
Operator : CG/JU
Sample : PB137221BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB137221BS

Manual Integrations APPROVED
mohammad
6/22/2021 10:15:28 AM

Quant Time: Jun 21 13:19:22 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 16 11:35:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	81220	20.00	ng		0.00
21) Naphthalene-d8	10.728	136	332226	20.00	ng		0.00
39) Acenaphthene-d10	14.551	164	205008	20.00	ng		0.00
64) Phenanthrene-d10	17.298	188	434110	20.00	ng		0.00
76) Chrysene-d12	21.374	240	496085	20.00	ng		0.00
86) Perylene-d12	23.780	264	523994	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	701148	138.52	ng		0.00
7) Phenol-d6	7.104	99	847189	129.13	ng		0.00
23) Nitrobenzene-d5	9.093	82	529060	78.07	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	470426	133.72	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	1291379	82.72	ng		0.00
79) Terphenyl-d14	19.845	244	2124539	80.19	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	67847	29.67	ng		97
3) Pyridine	3.775	79	184110	34.26	ng		98
4) n-Nitrosodimethylamine	3.681	42	90397	36.18	ng		88
6) Aniline	7.252	93	281821	38.48	ng		100
8) 2-Chlorophenol	7.493	128	264312	45.54	ng		98
9) Benzaldehyde	7.063	77	137316	49.10	ng		98
10) Phenol	7.128	94	305880	46.67	ng		99
11) bis(2-Chloroethyl)ether	7.352	93	220436	44.39	ng		97
12) 1,3-Dichlorobenzene	7.810	146	270110	41.62	ng		100
13) 1,4-Dichlorobenzene	7.957	146	274387	41.46	ng		99
14) 1,2-Dichlorobenzene	8.275	146	268224	42.40	ng		99
15) Benzyl Alcohol	8.175	79	223659	45.26	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.457	45	194884	42.45	ng		98
17) 2-Methylphenol	8.375	107	208196	46.62	ng		99
18) Hexachloroethane	9.004	117	98909	41.32	ng		96
19) n-Nitroso-di-n-propyla...	8.740	70	174069	43.13	ng		96
20) 3+4-Methylphenols	8.704	107	285316	47.30	ng		95
22) Acetophenone	8.751	105	367522	42.03	ng	#	98
24) Nitrobenzene	9.134	77	263205	37.40	ng		99
25) Isophorone	9.663	82	471429	37.67	ng		99
26) 2-Nitrophenol	9.845	139	137042	40.82	ng		95
27) 2,4-Dimethylphenol	9.910	122	232865	46.56	ng		98
28) bis(2-Chloroethoxy)met...	10.140	93	289727	44.36	ng		99
29) 2,4-Dichlorophenol	10.381	162	248466	41.34	ng		99
30) 1,2,4-Trichlorobenzene	10.593	180	261413	38.70	ng		99
31) Naphthalene	10.781	128	759721	39.52	ng		99
32) Benzoic acid	10.087	122	146912	40.36	ng		98
33) 4-Chloroaniline	10.898	127	180638	23.26	ng		99
34) Hexachlorobutadiene	11.063	225	171869	37.62	ng		99
35) Caprolactam	11.704	113	76908m	44.42	ng		
36) 4-Chloro-3-methylphenol	12.022	107	265310	43.47	ng		96
37) 2-Methylnaphthalene	12.387	142	556975	40.70	ng		98
38) 1-Methylnaphthalene	12.604	142	516248	40.05	ng		99
40) 1,2,4,5-Tetrachloroben...	12.757	216	303073	42.00	ng		99
41) Hexachlorocyclopentadiene	12.728	237	308123	84.64	ng		100
43) 2,4,6-Trichlorophenol	12.998	196	205448	41.51	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	221395	41.53	ng	98
46) 1,1'-Biphenyl	13.392	154	712921	43.13	ng	100
47) 2-Chloronaphthalene	13.434	162	546172	40.46	ng	98
48) 2-Nitroaniline	13.645	65	151673	42.74	ng	94
49) Acenaphthylene	14.275	152	884882	42.73	ng	99
50) Dimethylphthalate	14.016	163	713959	42.36	ng	100
51) 2,6-Dinitrotoluene	14.134	165	158347	41.33	ng	99
52) Acenaphthene	14.616	154	513952	40.87	ng	99
53) 3-Nitroaniline	14.469	138	112415	30.27	ng	97
54) 2,4-Dinitrophenol	14.681	184	136125	60.97	ng	98
55) Dibenzofuran	14.951	168	831313	40.20	ng	100
56) 4-Nitrophenol	14.786	139	246398	81.87	ng	94
57) 2,4-Dinitrotoluene	14.922	165	218172	42.58	ng	98
58) Fluorene	15.598	166	667982	41.46	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.181	232	196888m	41.91	ng	
60) Diethylphthalate	15.375	149	718808	42.50	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	341432	40.86	ng	98
62) 4-Nitroaniline	15.628	138	158976	41.60	ng	97
63) Azobenzene	15.886	77	612116	40.01	ng	95
65) 4,6-Dinitro-2-methylph...	15.686	198	102447	32.11	ng	98
66) n-Nitrosodiphenylamine	15.810	169	587184	40.79	ng	98
67) 4-Bromophenyl-phenylether	16.486	248	228700	41.05	ng	99
68) Hexachlorobenzene	16.604	284	276905	41.46	ng	98
69) Atrazine	16.763	200	228142	50.94	ng	98
70) Pentachlorophenol	16.951	266	327780	88.27	ng	100
71) Phenanthrene	17.339	178	1053072	40.39	ng	99
72) Anthracene	17.433	178	1087344	42.38	ng	99
73) Carbazole	17.704	167	973800	39.53	ng	100
74) Di-n-butylphthalate	18.251	149	1223551	42.87	ng	99
75) Fluoranthene	19.304	202	1272376	40.19	ng	99
77) Benzidine	19.480	184	549237	53.21	ng	99
78) Pyrene	19.651	202	1314725	37.96	ng	99
80) Butylbenzylphthalate	20.516	149	574834	40.34	ng	98
81) Benzo(a)anthracene	21.357	228	1360766	38.00	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	412871	33.35	ng	98
83) Chrysene	21.410	228	1353508	39.02	ng	99
84) Bis(2-ethylhexyl)phtha...	21.274	149	856950	41.01	ng	98
85) Di-n-octyl phthalate	22.192	149	1534465	41.05	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	1877466	41.90	ng	99
88) Benzo(b)fluoranthene	23.045	252	1545277	43.06	ng	99
89) Benzo(k)fluoranthene	23.092	252	1475015	42.38	ng	99
90) Benzo(a)pyrene	23.674	252	1470906	43.59	ng	99
91) Dibenzo(a,h)anthracene	26.327	278	1607253	41.67	ng	99
92) Benzo(g,h,i)perylene	27.098	276	1582198	41.53	ng	98

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

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