Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
Data File : BP005759.D
Acq On : 08 Jun 2021 02:28
Operator : CG/JU
Sample : PB136884BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB136884BS

Manual Integrations APPROVED
mohammad
6/8/2021 3:37:29 PM

Quant Time: Jun 08 03:23:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 12:13:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	132635	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	506425	20.000	ng		-0.01
39) Acenaphthene-d10	14.592	164	308888	20.000	ng		-0.01
64) Phenanthrene-d10	17.333	188	650065	20.000	ng		-0.01
76) Chrysene-d12	21.404	240	612548	20.000	ng		#-0.01
86) Perylene-d12	23.827	264	588065	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1075871	126.112	ng		0.00
7) Phenol-d6	7.140	99	1280628	110.115	ng		0.00
23) Nitrobenzene-d5	9.140	82	814421	89.437	ng		0.00
42) 2,4,6-Tribromophenol	16.080	330	651681	164.530	ng		-0.01
45) 2-Fluorobiphenyl	13.222	172	1904382	81.593	ng		-0.01
79) Terphenyl-d14	19.874	244	2839145	86.973	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	117725	30.151	ng		93
3) Pyridine	3.810	79	294835	30.504	ng	#	96
4) n-Nitrosodimethylamine	3.716	42	171724	39.892	ng	#	24
6) Aniline	7.298	93	447312	32.902	ng		95
8) 2-Chlorophenol	7.534	128	413019	43.237	ng		97
9) Benzaldehyde	7.104	77	239649	47.594	ng		93
10) Phenol	7.169	94	472759	39.814	ng		96
11) bis(2-Chloroethyl)ether	7.393	93	346352	37.779	ng		96
12) 1,3-Dichlorobenzene	7.857	146	439518	40.535	ng		97
13) 1,4-Dichlorobenzene	8.004	146	452974	41.221	ng		98
14) 1,2-Dichlorobenzene	8.322	146	434667	41.359	ng		99
15) Benzyl Alcohol	8.216	79	363091	43.524	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.504	45	318767	30.374	ng		91
17) 2-Methylphenol	8.416	107	325912	42.163	ng		96
18) Hexachloroethane	9.051	117	166806	42.775	ng		94
19) n-Nitroso-di-n-propyla...	8.787	70	269560	36.439	ng		98
20) 3+4-Methylphenols	8.745	107	437966	42.529	ng		95
22) Acetophenone	8.798	105	565384	41.854	ng	#	99
24) Nitrobenzene	9.181	77	422981	41.818	ng	#	90
25) Isophorone	9.710	82	722606	35.743	ng		98
26) 2-Nitrophenol	9.887	139	214756	54.879	ng	#	81
27) 2,4-Dimethylphenol	9.951	122	362389	46.700	ng		97
28) bis(2-Chloroethoxy)met...	10.187	93	436744	40.140	ng		97
29) 2,4-Dichlorophenol	10.428	162	390775	46.822	ng		99
30) 1,2,4-Trichlorobenzene	10.639	180	419030	42.389	ng		98
31) Naphthalene	10.828	128	1169571	38.782	ng		98
32) Benzoic acid	10.110	122	142618	34.875	ng		95
33) 4-Chloroaniline	10.934	127	205586	16.372	ng	#	90
34) Hexachlorobutadiene	11.110	225	278445	45.098	ng		99
35) Caprolactam	11.739	113	117535m	51.425	ng		
36) 4-Chloro-3-methylphenol	12.063	107	393419	44.783	ng		96
37) 2-Methylnaphthalene	12.434	142	848824	39.722	ng	#	89
38) 1-Methylnaphthalene	12.651	142	781831	38.563	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.798	216	480212	46.604	ng		97
41) Hexachlorocyclopentadiene	12.775	237	549381	95.769	ng		96
43) 2,4,6-Trichlorophenol	13.039	196	321603	51.459	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	356078	52.687	ng	#	93
46) 1,1'-Biphenyl	13.433	154	1095224	43.667	ng		98
47) 2-Chloronaphthalene	13.475	162	845035	41.449	ng		98
48) 2-Nitroaniline	13.681	65	243989	50.189	ng	#	73
49) Acenaphthylene	14.316	152	1327155	41.763	ng		100
50) Dimethylphthalate	14.057	163	1071330	43.605	ng		99
51) 2,6-Dinitrotoluene	14.175	165	239015	44.463	ng	#	65
52) Acenaphthene	14.657	154	773636	37.451	ng		96
53) 3-Nitroaniline	14.498	138	131997	26.373	ng		79
54) 2,4-Dinitrophenol	14.710	184	95500	45.526	ng		94
55) Dibenzofuran	14.992	168	1245697	39.342	ng		99
56) 4-Nitrophenol	14.816	139	389475	84.751	ng	#	61
57) 2,4-Dinitrotoluene	14.957	165	324841	48.355	ng	#	66
58) Fluorene	15.639	166	995124	39.309	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.216	232	296554m	50.716	ng		
60) Diethylphthalate	15.410	149	1072596	43.511	ng		97
61) 4-Chlorophenyl-phenyle...	15.627	204	519331	41.033	ng		93
62) 4-Nitroaniline	15.663	138	242012	43.394	ng	#	54
63) Azobenzene	15.922	77	924540	35.815	ng		96
65) 4,6-Dinitro-2-methylph...	15.722	198	93749	33.064	ng		95
66) n-Nitrosodiphenylamine	15.845	169	894618	40.388	ng	#	91
67) 4-Bromophenyl-phenylether	16.522	248	352651	45.032	ng		95
68) Hexachlorobenzene	16.645	284	421834	45.239	ng		95
69) Atrazine	16.798	200	353489	55.841	ng		97
70) Pentachlorophenol	16.986	266	457458	97.818	ng		96
71) Phenanthrene	17.380	178	1608826	39.725	ng		99
72) Anthracene	17.469	178	1636089	40.914	ng		99
73) Carbazole	17.739	167	1475920	37.502	ng		100
74) Di-n-butylphthalate	18.280	149	1793003	42.543	ng	#	92
75) Fluoranthene	19.333	202	1892100	38.920	ng		97
77) Benzidine	19.504	184	820756	70.554	ng		99
78) Pyrene	19.686	202	1926357	44.569	ng		100
80) Butylbenzylphthalate	20.545	149	800007	45.952	ng	#	90
81) Benzo(a)anthracene	21.386	228	1803202	40.112	ng		99
82) 3,3'-Dichlorobenzidine	21.310	252	420591	28.966	ng	#	98
83) Chrysene	21.439	228	1754938	40.315	ng		98
84) Bis(2-ethylhexyl)phtha...	21.298	149	1132917	46.399	ng	#	95
85) Di-n-octyl phthalate	22.227	149	1969154	47.986	ng		98
87) Indeno(1,2,3-cd)pyrene	26.380	276	1959239	39.159	ng	#	93
88) Benzo(b)fluoranthene	23.086	252	1828606	42.857	ng	#	98
89) Benzo(k)fluoranthene	23.133	252	1677416	41.488	ng	#	98
90) Benzo(a)pyrene	23.721	252	1653800	42.606	ng	#	97
91) Dibenzo(a,h)anthracene	26.397	278	1671458	38.496	ng	#	95
92) Benzo(g,h,i)perylene	27.174	276	1665632	39.772	ng	#	94

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

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