Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
Data File : BP005762.D
Acq On : 08 Jun 2021 04:11
Operator : CG/JU
Sample : M2603-02MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FAM4-WC1MS

Manual Integrations APPROVED
mohammad
6/8/2021 3:37:35 PM

Quant Time: Jun 08 05:44:58 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	126825	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	482758	20.000	ng		-0.01
39) Acenaphthene-d10	14.592	164	291874	20.000	ng		-0.01
64) Phenanthrene-d10	17.333	188	579175	20.000	ng		#-0.01
76) Chrysene-d12	21.398	240	442962	20.000	ng		#-0.02
86) Perylene-d12	23.821	264	430394	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	1052955	129.080	ng		0.00
7) Phenol-d6	7.140	99	1187604	106.794	ng		0.00
23) Nitrobenzene-d5	9.140	82	857512	98.785	ng		0.00
42) 2,4,6-Tribromophenol	16.081	330	604750	161.582	ng		-0.01
45) 2-Fluorobiphenyl	13.222	172	1888836	85.644	ng		-0.01
79) Terphenyl-d14	19.875	244	2423433	102.660	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	143910	38.546	ng	#	57
3) Pyridine	3.834	79	307643	33.287	ng		93
4) n-Nitrosodimethylamine	3.728	42	188450	45.782	ng	#	25
6) Aniline	7.299	93	208028	16.003	ng		95
8) 2-Chlorophenol	7.534	128	433223	47.430	ng		96
9) Benzaldehyde	7.110	77	158934	33.010	ng		94
10) Phenol	7.169	94	449772	39.614	ng		97
11) bis(2-Chloroethyl)ether	7.393	93	368502	42.036	ng		96
12) 1,3-Dichlorobenzene	7.863	146	450732	43.474	ng		99
13) 1,4-Dichlorobenzene	8.010	146	460928	43.866	ng		96
14) 1,2-Dichlorobenzene	8.322	146	443000	44.083	ng		99
15) Benzyl Alcohol	8.216	79	382922	48.004	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.510	45	340486	33.930	ng		90
17) 2-Methylphenol	8.416	107	334324	45.232	ng		96
18) Hexachloroethane	9.052	117	167784	44.997	ng		92
19) n-Nitroso-di-n-propyla...	8.787	70	291007	41.140	ng		98
20) 3+4-Methylphenols	8.746	107	449082	45.607	ng		93
22) Acetophenone	8.799	105	604734	46.962	ng	#	99
24) Nitrobenzene	9.181	77	454546	47.142	ng		90
25) Isophorone	9.710	82	769443	39.925	ng		97
26) 2-Nitrophenol	9.893	139	227507	60.525	ng	#	80
27) 2,4-Dimethylphenol	9.952	122	376690	50.923	ng		97
28) bis(2-Chloroethoxy)met...	10.187	93	462247	44.567	ng		98
29) 2,4-Dichlorophenol	10.428	162	407806	51.258	ng		99
30) 1,2,4-Trichlorobenzene	10.640	180	429691	45.598	ng		98
31) Naphthalene	10.828	128	1242351	43.214	ng		98
32) Benzoic acid	10.081	122	52329	16.507	ng		95
33) 4-Chloroaniline	10.940	127	85637	7.154	ng	#	89
34) Hexachlorobutadiene	11.110	225	283822	48.222	ng		98
35) Caprolactam	11.734	113	101887	46.764	ng	#	82
36) 4-Chloro-3-methylphenol	12.063	107	398834	47.625	ng		95
37) 2-Methylnaphthalene	12.434	142	877787	43.092	ng	#	90
38) 1-Methylnaphthalene	12.651	142	816618	42.253	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.798	216	499813	51.334	ng		97
41) Hexachlorocyclopentadiene	12.775	237	491327	90.641	ng		97
43) 2,4,6-Trichlorophenol	13.040	196	328108	55.560	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	355370	55.647	ng	#	93
46) 1,1'-Biphenyl	13.434	154	1137790	48.008	ng		97
47) 2-Chloronaphthalene	13.475	162	884941	45.937	ng		99
48) 2-Nitroaniline	13.675	65	241256	52.311	ng	#	73
49) Acenaphthylene	14.316	152	1361230	45.333	ng		99
50) Dimethylphthalate	14.057	163	1067069	45.963	ng		99
51) 2,6-Dinitrotoluene	14.169	165	237821	46.552	ng	#	68
52) Acenaphthene	14.657	154	794236	40.689	ng		95
53) 3-Nitroaniline	14.498	138	106157	22.991	ng		83
54) 2,4-Dinitrophenol	14.710	184	100212	49.836	ng		95
55) Dibenzofuran	14.992	168	1260077	42.116	ng		99
56) 4-Nitrophenol	14.810	139	343505	79.354	ng	#	62
57) 2,4-Dinitrotoluene	14.957	165	316843	49.777	ng	#	65
58) Fluorene	15.639	166	988563	41.326	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.216	232	291373m	52.735	ng		
60) Diethylphthalate	15.410	149	1045645	44.890	ng		98
61) 4-Chlorophenyl-phenyle...	15.628	204	515260	43.084	ng		94
62) 4-Nitroaniline	15.657	138	219013	41.713	ng	#	52
63) Azobenzene	15.922	77	926613	37.988	ng		95
65) 4,6-Dinitro-2-methylph...	15.722	198	105447	39.140	ng		93
66) n-Nitrosodiphenylamine	15.845	169	877582	44.468	ng	#	91
67) 4-Bromophenyl-phenylether	16.522	248	343822	49.278	ng		95
68) Hexachlorobenzene	16.645	284	409089	49.242	ng		95
69) Atrazine	16.798	200	324152	57.474	ng		98
70) Pentachlorophenol	16.986	266	425797	102.192	ng		95
71) Phenanthrene	17.375	178	1543081	42.765	ng		100
72) Anthracene	17.469	178	1580938	44.374	ng		99
73) Carbazole	17.739	167	1379315	39.337	ng		100
74) Di-n-butylphthalate	18.280	149	1640284	43.684	ng	#	92
75) Fluoranthene	19.333	202	1689637	39.009	ng		98
77) Benzidine	19.504	184	493198	58.627	ng		99
78) Pyrene	19.686	202	1706040	54.583	ng		100
80) Butylbenzylphthalate	20.545	149	644114	50.694	ng	#	89
81) Benzo(a)anthracene	21.380	228	1420315	43.691	ng		99
82) 3,3'-Dichlorobenzidine	21.310	252	296795	28.265	ng	#	97
83) Chrysene	21.439	228	1371871	43.580	ng		99
84) Bis(2-ethylhexyl)phtha...	21.298	149	874324	49.518	ng	#	96
85) Di-n-octyl phthalate	22.227	149	1365059	46.000	ng		98
87) Indeno(1,2,3-cd)pyrene	26.386	276	1815532	49.580	ng	#	93
88) Benzo(b)fluoranthene	23.080	252	1340336	42.921	ng	#	97
89) Benzo(k)fluoranthene	23.127	252	1279678	43.246	ng	#	98
90) Benzo(a)pyrene	23.715	252	1299248	45.734	ng	#	98
91) Dibenzo(a,h)anthracene	26.392	278	1534627	48.292	ng	#	96
92) Benzo(g,h,i)perylene	27.168	276	1589988	51.874	ng	#	94

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

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