Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061121\
Data File : BP005880.D
Acq On : 11 Jun 2021 20:21
Operator : CG/JU
Sample : M2625-19MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B12(210-214)MSD

Quant Time: Jun 11 23:10:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 13:53:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.946	152	67726	20.00	ng		0.00
21) Naphthalene-d8	10.751	136	252030	20.00	ng		0.00
39) Acenaphthene-d10	14.569	164	153405	20.00	ng		0.00
64) Phenanthrene-d10	17.316	188	313509	20.00	ng		0.00
76) Chrysene-d12	21.386	240	374817	20.00	ng		0.00
86) Perylene-d12	23.804	264	453509	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	244267	57.87	ng		0.00
7) Phenol-d6	7.110	99	331245	60.55	ng		0.00
23) Nitrobenzene-d5	9.110	82	248980	48.43	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	69591	26.43	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	698441	59.79	ng		0.00
79) Terphenyl-d14	19.863	244	1030356	51.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	69527	36.46	ng		98
3) Pyridine	3.793	79	197034	43.96	ng		98
4) n-Nitrosodimethylamine	3.699	42	81341	39.05	ng		91
6) Aniline	7.269	93	163479	26.77	ng		98
8) 2-Chlorophenol	7.510	128	123404	25.50	ng		97
9) Benzaldehyde	7.081	77	121666m	52.17	ng		
10) Phenol	7.140	94	161569	29.56	ng		97
11) bis(2-Chloroethyl)ether	7.369	93	182097	43.97	ng		98
12) 1,3-Dichlorobenzene	7.834	146	230946	42.68	ng		99
13) 1,4-Dichlorobenzene	7.981	146	235880	42.74	ng		99
14) 1,2-Dichlorobenzene	8.299	146	224722	42.60	ng		99
15) Benzyl Alcohol	8.187	79	194578	47.22	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.481	45	149039	38.93	ng		93
17) 2-Methylphenol	8.393	107	118660	31.87	ng		98
18) Hexachloroethane	9.028	117	82392	41.28	ng		96
19) n-Nitroso-di-n-propyla...	8.757	70	139753	41.53	ng		97
20) 3+4-Methylphenols	8.722	107	157674	31.35	ng		98
22) Acetophenone	8.769	105	294347	44.37	ng	#	99
24) Nitrobenzene	9.152	77	164076	30.74	ng		99
25) Isophorone	9.681	82	411354	43.33	ng		99
26) 2-Nitrophenol	9.863	139	29279	11.50	ng		97
27) 2,4-Dimethylphenol	9.922	122	151569	39.95	ng		99
28) bis(2-Chloroethoxy)met...	10.157	93	225288	45.47	ng		98
29) 2,4-Dichlorophenol	10.399	162	100317	22.00	ng		98
30) 1,2,4-Trichlorobenzene	10.616	180	211287	41.24	ng		99
31) Naphthalene	10.799	128	612689	42.02	ng		100
33) 4-Chloroaniline	10.910	127	151984	25.80	ng		99
34) Hexachlorobutadiene	11.087	225	140571	40.56	ng		98
35) Caprolactam	11.693	113	64673	49.24	ng		94
36) 4-Chloro-3-methylphenol	12.040	107	121044	26.14	ng		98
37) 2-Methylnaphthalene	12.404	142	440182	42.40	ng		99
38) 1-Methylnaphthalene	12.622	142	407411	41.66	ng		99
40) 1,2,4,5-Tetrachloroben...	12.775	216	233272	43.20	ng		99
41) Hexachlorocyclopentadiene	12.751	237	182424	68.12	ng		97
43) 2,4,6-Trichlorophenol	13.016	196	58148	15.70	ng		99
44) 2,4,5-Trichlorophenol	13.087	196	76456	19.17	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.410	154	543213	43.92	ng		100
47) 2-Chloronaphthalene	13.451	162	429224	42.50	ng		98
48) 2-Nitroaniline	13.657	65	74219	27.95	ng		94
49) Acenaphthylene	14.292	152	677033	43.69	ng		99
50) Dimethylphthalate	14.028	163	448629	35.57	ng		99
51) 2,6-Dinitrotoluene	14.151	165	80578	28.11	ng		97
52) Acenaphthene	14.634	154	395963	42.08	ng		97
53) 3-Nitroaniline	14.481	138	72449	26.07	ng		100
55) Dibenzofuran	14.969	168	640057	41.36	ng		98
56) 4-Nitrophenol	14.804	139	13669	6.07	ng		97
57) 2,4-Dinitrotoluene	14.934	165	94884	24.75	ng		97
58) Fluorene	15.616	166	512685	42.52	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	33457	9.52	ng	#	89
60) Diethylphthalate	15.386	149	478072	37.78	ng		99
61) 4-Chlorophenyl-phenyle...	15.610	204	261697	41.86	ng		97
62) 4-Nitroaniline	15.634	138	70344	24.60	ng		94
63) Azobenzene	15.898	77	463554	40.49	ng		98
66) n-Nitrosodiphenylamine	15.822	169	451207	43.40	ng		99
67) 4-Bromophenyl-phenylether	16.504	248	168498	41.87	ng		96
68) Hexachlorobenzene	16.622	284	206287	42.77	ng		98
69) Atrazine	16.775	200	109858	33.96	ng		100
70) Pentachlorophenol	16.975	266	14671m	5.47	ng		
71) Phenanthrene	17.357	178	813486	43.21	ng		99
72) Anthracene	17.451	178	838527	45.25	ng		100
73) Carbazole	17.722	167	765332	43.02	ng		100
74) Di-n-butylphthalate	18.263	149	771159	37.41	ng		99
75) Fluoranthene	19.316	202	990363	43.31	ng		98
77) Benzidine	19.492	184	534839	68.58	ng		99
78) Pyrene	19.669	202	1027996	39.29	ng		99
80) Butylbenzylphthalate	20.533	149	329719	30.63	ng		99
81) Benzo(a)anthracene	21.374	228	1127810	41.68	ng		100
82) 3,3'-Dichlorobenzidine	21.304	252	293255	31.35	ng		98
83) Chrysene	21.427	228	1106978	42.24	ng		100
84) Bis(2-ethylhexyl)phtha...	21.292	149	575767	36.47	ng		100
85) Di-n-octyl phthalate	22.216	149	963189	34.10	ng		99
87) Indeno(1,2,3-cd)pyrene	26.357	276	1756647	45.30	ng		99
88) Benzo(b)fluoranthene	23.068	252	1354113	43.59	ng		100
89) Benzo(k)fluoranthene	23.115	252	1268723	42.12	ng		99
90) Benzo(a)pyrene	23.704	252	1323588	45.32	ng		99
91) Dibenzo(a,h)anthracene	26.374	278	1507310	45.16	ng		99
92) Benzo(g,h,i)perylene	27.133	276	1500585	45.51	ng		98

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

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