Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061121\
Data File : BP005873.D
Acq On : 11 Jun 2021 16:22
Operator : CG/JU
Sample : M2612-21MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B12(6-10)MS

Quant Time: Jun 11 17:08:31 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	70955	20.00	ng		0.00
21) Naphthalene-d8	10.752	136	274608	20.00	ng		0.00
39) Acenaphthene-d10	14.575	164	165461	20.00	ng		0.00
64) Phenanthrene-d10	17.316	188	324608	20.00	ng		0.00
76) Chrysene-d12	21.386	240	349189	20.00	ng		0.00
86) Perylene-d12	23.804	264	421483	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.517	112	534613	120.90	ng		0.00
7) Phenol-d6	7.116	99	553755	96.62	ng		0.00
23) Nitrobenzene-d5	9.110	82	459392	82.02	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	298564	105.15	ng		0.00
45) 2-Fluorobiphenyl	13.204	172	1104458	87.65	ng		0.00
79) Terphenyl-d14	19.863	244	1667252	89.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	74791	37.44	ng	#	51
3) Pyridine	3.805	79	146937	31.29	ng		98
4) n-Nitrosodimethylamine	3.705	42	92428	42.35	ng		91
6) Aniline	7.275	93	270643	42.30	ng		99
8) 2-Chlorophenol	7.511	128	233512	46.06	ng		97
9) Benzaldehyde	7.087	77	86935	35.58	ng		96
10) Phenol	7.140	94	229476	40.08	ng		99
11) bis(2-Chloroethyl)ether	7.369	93	224853	51.83	ng		99
12) 1,3-Dichlorobenzene	7.834	146	241405	42.58	ng		99
13) 1,4-Dichlorobenzene	7.981	146	249280	43.12	ng		100
14) 1,2-Dichlorobenzene	8.299	146	243277	44.02	ng		99
15) Benzyl Alcohol	8.193	79	230498	53.39	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	178222	44.44	ng		98
17) 2-Methylphenol	8.393	107	175785	45.06	ng		99
18) Hexachloroethane	9.028	117	90766	43.40	ng		97
19) n-Nitroso-di-n-propyla...	8.758	70	171120	48.53	ng		96
20) 3+4-Methylphenols	8.722	107	226509	42.98	ng		97
22) Acetophenone	8.775	105	351782	48.67	ng	#	98
24) Nitrobenzene	9.158	77	247626	42.57	ng		98
25) Isophorone	9.681	82	436365	42.19	ng		99
26) 2-Nitrophenol	9.869	139	113888	41.04	ng		96
27) 2,4-Dimethylphenol	9.928	122	203011	49.10	ng		95
28) bis(2-Chloroethoxy)met...	10.163	93	280165	51.90	ng		99
29) 2,4-Dichlorophenol	10.405	162	206613	41.58	ng		97
30) 1,2,4-Trichlorobenzene	10.616	180	244400	43.78	ng		98
31) Naphthalene	10.805	128	717728	45.17	ng		99
33) 4-Chloroaniline	10.916	127	205017	31.94	ng		99
34) Hexachlorobutadiene	11.087	225	160487	42.50	ng		99
35) Caprolactam	11.710	113	49183	34.37	ng		97
36) 4-Chloro-3-methylphenol	12.040	107	200679	39.78	ng		98
37) 2-Methylnaphthalene	12.410	142	524854	46.40	ng		100
38) 1-Methylnaphthalene	12.628	142	488402	45.84	ng		99
40) 1,2,4,5-Tetrachloroben...	12.775	216	282128	48.44	ng		98
41) Hexachlorocyclopentadiene	12.751	237	293321	98.84	ng		98
43) 2,4,6-Trichlorophenol	13.016	196	157385	39.40	ng		97
44) 2,4,5-Trichlorophenol	13.087	196	164914	38.33	ng		94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.410	154	659774	49.46	ng	99
47) 2-Chloronaphthalene	13.457	162	520300	47.76	ng	99
48) 2-Nitroaniline	13.657	65	116023	40.51	ng	97
49) Acenaphthylene	14.298	152	811665	48.56	ng	99
50) Dimethylphthalate	14.034	163	585673	43.05	ng	100
51) 2,6-Dinitrotoluene	14.151	165	123246	39.86	ng	97
52) Acenaphthene	14.640	154	483803	47.67	ng	99
53) 3-Nitroaniline	14.481	138	116515	38.88	ng	97
54) 2,4-Dinitrophenol	14.704	184	8290	9.08	ng	92
55) Dibenzofuran	14.969	168	768819	46.06	ng	96
56) 4-Nitrophenol	14.793	139	115909	47.72	ng	99
57) 2,4-Dinitrotoluene	14.940	165	154594	37.38	ng	99
58) Fluorene	15.616	166	609474	46.86	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	134732m	35.53	ng	
60) Diethylphthalate	15.393	149	583061	42.72	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	319122	47.32	ng	96
62) 4-Nitroaniline	15.640	138	100995	32.74	ng	96
63) Azobenzene	15.904	77	566153	45.85	ng	98
65) 4,6-Dinitro-2-methylph...	15.704	198	16903	7.09	ng	96
66) n-Nitrosodiphenylamine	15.828	169	533525	49.56	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	205368	49.29	ng	94
68) Hexachlorobenzene	16.622	284	243711	48.80	ng	99
69) Atrazine	16.781	200	154391	46.10	ng	98
70) Pentachlorophenol	16.969	266	160924	57.95	ng	99
71) Phenanthrene	17.363	178	944764	48.46	ng	100
72) Anthracene	17.451	178	956251	49.84	ng	99
73) Carbazole	17.722	167	846745	45.97	ng	100
74) Di-n-butylphthalate	18.269	149	944995	44.28	ng	100
75) Fluoranthene	19.322	202	1099338	46.44	ng	98
77) Benzidine	19.498	184	533452	73.42	ng	100
78) Pyrene	19.669	202	1131912	46.43	ng	98
80) Butylbenzylphthalate	20.533	149	394682	39.35	ng	98
81) Benzo(a)anthracene	21.375	228	1183104	46.94	ng	100
82) 3,3'-Dichlorobenzidine	21.304	252	357242	40.99	ng	98
83) Chrysene	21.427	228	1165815	47.75	ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	624834	42.48	ng	100
85) Di-n-octyl phthalate	22.216	149	1048860	39.86	ng	98
87) Indeno(1,2,3-cd)pyrene	26.357	276	1853667	51.43	ng	99
88) Benzo(b)fluoranthene	23.069	252	1405718	48.69	ng	100
89) Benzo(k)fluoranthene	23.116	252	1326586	47.39	ng	99
90) Benzo(a)pyrene	23.704	252	1371186	50.52	ng	98
91) Dibenzo(a,h)anthracene	26.374	278	1603537	51.69	ng	98
92) Benzo(g,h,i)perylene	27.139	276	1574257	51.37	ng	98

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

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