Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005225.D
Acq On : 07 Apr 2021 17:43
Operator : CG/JU
Sample : M1961-12MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR2-A-D-COMPMS

Quant Time: Apr 07 18:57:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 12:33:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	17779	20.00	ng		0.00
21) Naphthalene-d8	10.481	136	63712	20.00	ng	#	0.00
39) Acenaphthene-d10	14.345	164	38136	20.00	ng		0.00
64) Phenanthrene-d10	17.110	188	76970	20.00	ng	#	0.00
76) Chrysene-d12	21.210	240	94066	20.00	ng		0.00
86) Perylene-d12	23.486	264	109146	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	147730	127.87	ng		0.00
7) Phenol-d6	6.875	99	185796	112.28	ng		0.00
23) Nitrobenzene-d5	8.852	82	118595	79.87	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	56701	114.11	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	204904	72.68	ng		0.00
79) Terphenyl-d14	19.681	244	302816	58.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	27562	54.78	ng	#	95
3) Pyridine	3.623	79	67294	53.80	ng		98
4) n-Nitrosodimethylamine	3.534	42	23923	53.49	ng	#	87
6) Aniline	7.028	93	29893	15.94	ng	#	88
8) 2-Chlorophenol	7.258	128	55253	45.34	ng		82
9) Benzaldehyde	6.840	77	44938	53.32	ng	#	78
10) Phenol	6.899	94	82680	48.75	ng		86
11) bis(2-Chloroethyl)ether	7.122	93	57699	46.47	ng		91
12) 1,3-Dichlorobenzene	7.581	146	61849	45.69	ng	#	92
13) 1,4-Dichlorobenzene	7.728	146	61883	45.02	ng	#	93
14) 1,2-Dichlorobenzene	8.040	146	59286	44.97	ng	#	91
15) Benzyl Alcohol	7.940	79	55765	43.68	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.228	45	43984	48.29	ng		88
17) 2-Methylphenol	8.140	107	50473	46.63	ng	#	92
18) Hexachloroethane	8.763	117	23971	45.77	ng		91
19) n-Nitroso-di-n-propyla...	8.499	70	45490	42.38	ng	#	90
20) 3+4-Methylphenols	8.475	107	67137	45.43	ng		94
22) Acetophenone	8.516	105	89145	48.67	ng	#	94
24) Nitrobenzene	8.893	77	69250	44.25	ng	#	82
25) Isophorone	9.416	82	120659	44.03	ng	#	88
26) 2-Nitrophenol	9.605	139	29318	48.31	ng	#	77
27) 2,4-Dimethylphenol	9.669	122	49465	50.68	ng		89
28) bis(2-Chloroethoxy)met...	9.899	93	70704	50.97	ng		94
29) 2,4-Dichlorophenol	10.134	162	47688	43.67	ng		90
30) 1,2,4-Trichlorobenzene	10.346	180	54661	44.57	ng		99
31) Naphthalene	10.534	128	163579	45.45	ng		99
32) Benzoic acid	9.822	122	34736	47.94	ng	#	67
33) 4-Chloroaniline	10.652	127	9603	6.59	ng	#	86
34) Hexachlorobutadiene	10.810	225	33576	42.54	ng		96
35) Caprolactam	11.446	113	18108	50.53	ng		85
36) 4-Chloro-3-methylphenol	11.787	107	56610	42.91	ng	#	83
37) 2-Methylnaphthalene	12.152	142	112122	43.14	ng		98
38) 1-Methylnaphthalene	12.369	142	103499	42.49	ng		100
40) 1,2,4,5-Tetrachloroben...	12.522	216	60911	49.05	ng	#	96
41) Hexachlorocyclopentadiene	12.499	237	53787	79.62	ng		97
43) 2,4,6-Trichlorophenol	12.769	196	38394	44.73	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	42318	45.52	ng	#	91
46) 1,1'-Biphenyl	13.175	154	138948	47.77	ng		98
47) 2-Chloronaphthalene	13.216	162	109099	46.08	ng		97
48) 2-Nitroaniline	13.428	65	36399	48.25	ng	#	59
49) Acenaphthylene	14.069	152	179882	48.85	ng		100
50) Dimethylphthalate	13.810	163	133351	45.40	ng		99
51) 2,6-Dinitrotoluene	13.934	165	29273	42.29	ng	#	60
52) Acenaphthene	14.410	154	105673	46.63	ng		97
53) 3-Nitroaniline	14.263	138	8823	13.85	ng	#	67
54) 2,4-Dinitrophenol	14.475	184	30023	71.62	ng	#	74
55) Dibenzofuran	14.751	168	160549	43.23	ng		99
56) 4-Nitrophenol	14.593	139	52908	101.23	ng	#	63
57) 2,4-Dinitrotoluene	14.728	165	41898	45.83	ng	#	67
58) Fluorene	15.404	166	131950	44.00	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.981	232	38237	44.59	ng		94
60) Diethylphthalate	15.181	149	121716	42.36	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	68040	42.75	ng		97
62) 4-Nitroaniline	15.434	138	26508	40.49	ng	#	68
63) Azobenzene	15.692	77	139962	42.62	ng		86
65) 4,6-Dinitro-2-methylph...	15.493	198	19857	35.35	ng		85
66) n-Nitrosodiphenylamine	15.616	169	112775	45.58	ng		99
67) 4-Bromophenyl-phenylether	16.298	248	41582	46.63	ng		96
68) Hexachlorobenzene	16.410	284	44960	44.83	ng		96
69) Atrazine	16.581	200	41532	50.54	ng		95
70) Pentachlorophenol	16.763	266	59746	90.23	ng		99
71) Phenanthrene	17.151	178	201604	45.18	ng		99
72) Anthracene	17.245	178	210529	48.29	ng		97
73) Carbazole	17.522	167	190772	46.58	ng		100
74) Di-n-butylphthalate	18.075	149	209847	46.56	ng	#	98
75) Fluoranthene	19.133	202	249304	47.49	ng		98
77) Benzidine	19.316	184	129933	62.96	ng		99
78) Pyrene	19.486	202	256068	39.62	ng		98
80) Butylbenzylphthalate	20.363	149	103051	42.96	ng	#	79
81) Benzo(a)anthracene	21.192	228	290332	45.43	ng		98
82) 3,3'-Dichlorobenzidine	21.128	252	75891	35.34	ng		99
83) Chrysene	21.245	228	280888	44.78	ng		98
84) Bis(2-ethylhexyl)phtha...	21.122	149	152423	43.34	ng		97
85) Di-n-octyl phthalate	22.004	149	291511	49.17	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.833	276	386642	47.25	ng		99
88) Benzo(b)fluoranthene	22.798	252	329566	42.52	ng		100
89) Benzo(k)fluoranthene	22.845	252	297842	40.10	ng		99
90) Benzo(a)pyrene	23.386	252	292985	42.16	ng		98
91) Dibenzo(a,h)anthracene	25.845	278	328613	46.44	ng		98
92) Benzo(g,h,i)perylene	26.545	276	325417	47.65	ng		100

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

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