Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005241.D
Acq On : 08 Apr 2021 18:07
Operator : CG/JU
Sample : M1973-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-02-040721MSD

Quant Time: Apr 08 18:49:58 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	27248	20.00	ng		0.00
21) Naphthalene-d8	10.475	136	93025	20.00	ng		#-0.01
39) Acenaphthene-d10	14.345	164	54519	20.00	ng		0.00
64) Phenanthrene-d10	17.110	188	110086	20.00	ng		# 0.00
76) Chrysene-d12	21.210	240	141848	20.00	ng		0.00
86) Perylene-d12	23.486	264	170752	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	258351	145.91	ng		0.00
7) Phenol-d6	6.875	99	298436	117.67	ng		0.00
23) Nitrobenzene-d5	8.851	82	190510	87.87	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	105952	149.16	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	351324	87.17	ng		0.00
79) Terphenyl-d14	19.686	244	570386	73.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	48167	62.47	ng		98
3) Pyridine	3.616	79	116854	60.95	ng		96
4) n-Nitrosodimethylamine	3.528	42	38269	55.83	ng	#	94
6) Aniline	7.022	93	95895	33.37	ng	#	89
8) 2-Chlorophenol	7.257	128	85510	45.79	ng	#	81
9) Benzaldehyde	6.834	77	67673	52.39	ng	#	78
10) Phenol	6.899	94	131292	50.51	ng		83
11) bis(2-Chloroethyl)ether	7.122	93	92015	48.35	ng		93
12) 1,3-Dichlorobenzene	7.575	146	96718	46.62	ng	#	91
13) 1,4-Dichlorobenzene	7.722	146	97022	46.06	ng	#	94
14) 1,2-Dichlorobenzene	8.034	146	91951	45.51	ng	#	93
15) Benzyl Alcohol	7.940	79	88511	45.24	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.222	45	60716	43.50	ng		87
17) 2-Methylphenol	8.140	107	74880	45.14	ng	#	88
18) Hexachloroethane	8.751	117	37438	46.64	ng		93
19) n-Nitroso-di-n-propyla...	8.498	70	69405	42.19	ng	#	89
20) 3+4-Methylphenols	8.469	107	98259	43.38	ng		91
22) Acetophenone	8.516	105	134571	50.32	ng	#	94
24) Nitrobenzene	8.893	77	105615	46.22	ng	#	76
25) Isophorone	9.416	82	183110	45.76	ng	#	87
26) 2-Nitrophenol	9.598	139	43073	48.61	ng	#	61
27) 2,4-Dimethylphenol	9.669	122	72977	51.21	ng		87
28) bis(2-Chloroethoxy)met...	9.898	93	105538	52.11	ng		97
29) 2,4-Dichlorophenol	10.134	162	72766	45.64	ng		91
30) 1,2,4-Trichlorobenzene	10.340	180	88416	49.37	ng		98
31) Naphthalene	10.528	128	239011	45.48	ng		100
32) Benzoic acid	9.834	122	47467	44.87	ng	#	76
33) 4-Chloroaniline	10.651	127	21097	9.92	ng	#	81
34) Hexachlorobutadiene	10.804	225	60455	52.46	ng		98
35) Caprolactam	11.457	113	23495	44.90	ng		84
36) 4-Chloro-3-methylphenol	11.792	107	79622	41.34	ng		85
37) 2-Methylnaphthalene	12.151	142	163583	43.11	ng	#	95
38) 1-Methylnaphthalene	12.369	142	151521	42.60	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.522	216	101461	57.15	ng	#	96
41) Hexachlorocyclopentadiene	12.498	237	113713	117.75	ng		96
43) 2,4,6-Trichlorophenol	12.775	196	62083	50.59	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	65072	48.96	ng	#	93
46) 1,1'-Biphenyl	13.175	154	204782	49.25	ng		95
47) 2-Chloronaphthalene	13.216	162	162271	47.94	ng		97
48) 2-Nitroaniline	13.428	65	52216	48.42	ng	#	55
49) Acenaphthylene	14.069	152	260513	49.49	ng		100
50) Dimethylphthalate	13.816	163	205802	49.01	ng	#	98
51) 2,6-Dinitrotoluene	13.933	165	43773	44.23	ng	#	58
52) Acenaphthene	14.410	154	150466	46.45	ng		98
53) 3-Nitroaniline	14.263	138	27215	29.88	ng	#	60
54) 2,4-Dinitrophenol	14.481	184	52464	87.54	ng	#	79
55) Dibenzofuran	14.751	168	238589	44.94	ng		98
56) 4-Nitrophenol	14.592	139	69884	93.53	ng	#	46
57) 2,4-Dinitrotoluene	14.728	165	59372	45.42	ng	#	54
58) Fluorene	15.404	166	194921	45.47	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.986	232	59466	48.51	ng		93
60) Diethylphthalate	15.186	149	185125	45.07	ng		98
61) 4-Chlorophenyl-phenyle...	15.398	204	107981	47.46	ng		95
62) 4-Nitroaniline	15.439	138	39225	41.91	ng	#	63
63) Azobenzene	15.698	77	208394	44.39	ng		88
65) 4,6-Dinitro-2-methylph...	15.498	198	33084	41.18	ng		91
66) n-Nitrosodiphenylamine	15.622	169	165245	46.69	ng		98
67) 4-Bromophenyl-phenylether	16.298	248	68525	53.73	ng		96
68) Hexachlorobenzene	16.410	284	77102	53.75	ng		97
69) Atrazine	16.586	200	61080	51.97	ng		95
70) Pentachlorophenol	16.763	266	97576	103.03	ng		98
71) Phenanthrene	17.157	178	302381	47.38	ng		99
72) Anthracene	17.245	178	307570	49.32	ng		97
73) Carbazole	17.522	167	262795	44.86	ng		99
74) Di-n-butylphthalate	18.080	149	310208	48.12	ng	#	97
75) Fluoranthene	19.133	202	380371	50.66	ng		99
77) Benzidine	19.321	184	100233	32.21	ng		99
78) Pyrene	19.486	202	384410	39.44	ng		98
80) Butylbenzylphthalate	20.363	149	147910	40.89	ng	#	72
81) Benzo(a)anthracene	21.198	228	432821	44.91	ng		98
82) 3,3'-Dichlorobenzidine	21.133	252	121621	37.55	ng		99
83) Chrysene	21.251	228	432573	45.73	ng		97
84) Bis(2-ethylhexyl)phtha...	21.127	149	325568	61.39	ng	#	97
85) Di-n-octyl phthalate	22.010	149	420199	47.00	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.839	276	653900	51.08	ng	#	95
88) Benzo(b)fluoranthene	22.804	252	516012	42.56	ng		99
89) Benzo(k)fluoranthene	22.845	252	495718	42.66	ng		97
90) Benzo(a)pyrene	23.392	252	463821	42.66	ng		98
91) Dibenzo(a,h)anthracene	25.845	278	554032	50.04	ng	#	96
92) Benzo(g,h,i)perylene	26.550	276	546167	51.12	ng	#	94

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

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