Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100720\
Data File : BP003564.D
Acq On : 07 Oct 2020 21:41
Operator : CG/JU
Sample : L4260-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B21-100220-10-18.5MSD

Quant Time: Oct 08 01:54:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 14:33:14 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.487	152	91007	20.00	ng		-0.01
21) Naphthalene-d8	10.263	136	356030	20.00	ng		#-0.01
39) Acenaphthene-d10	14.146	164	203197	20.00	ng		-0.01
64) Phenanthrene-d10	16.910	188	389765	20.00	ng		# 0.00
76) Chrysene-d12	21.016	240	318419	20.00	ng		-0.01
86) Perylene-d12	23.186	264	385064	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.105	112	488930	93.81	ng		0.00
7) Phenol-d6	6.699	99	611873	88.08	ng		0.00
23) Nitrobenzene-d5	8.646	82	470453	77.63	ng		0.00
42) 2,4,6-Tribromophenol	15.657	330	244866	79.01	ng		0.00
45) 2-Fluorobiphenyl	12.763	172	879836	63.33	ng		-0.01
79) Terphenyl-d14	19.492	244	892403	58.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.999	88	61832	28.87	ng		99
3) Pyridine	3.387	79	166134	29.13	ng		95
4) n-Nitrosodimethylamine	3.311	42	66441	38.95	ng		77
6) Aniline	6.828	93	201992	25.32	ng		91
8) 2-Chlorophenol	7.064	128	223191	38.45	ng		89
9) Benzaldehyde	6.646	77	55165	14.24	ng	#	81
10) Phenol	6.728	94	255815	38.55	ng		81
11) bis(2-Chloroethyl)ether	6.922	93	209741	39.89	ng		95
12) 1,3-Dichlorobenzene	7.375	146	245671	35.40	ng	#	93
13) 1,4-Dichlorobenzene	7.522	146	248781	35.44	ng	#	95
14) 1,2-Dichlorobenzene	7.834	146	237947	35.31	ng		95
15) Benzyl Alcohol	7.746	79	202081	43.77	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.022	45	150983	39.49	ng		89
17) 2-Methylphenol	7.963	107	187206	39.02	ng	#	92
18) Hexachloroethane	8.552	117	97641	37.33	ng		95
19) n-Nitroso-di-n-propyla...	8.299	70	146107	39.26	ng	#	94
20) 3+4-Methylphenols	8.293	107	239836	37.56	ng	#	87
22) Acetophenone	8.311	105	311357	35.61	ng	#	91
24) Nitrobenzene	8.687	77	252813	41.69	ng	#	84
25) Isophorone	9.210	82	443807	39.96	ng	#	91
26) 2-Nitrophenol	9.399	139	121588	36.71	ng	#	76
27) 2,4-Dimethylphenol	9.481	122	199227	42.54	ng		89
28) bis(2-Chloroethoxy)met...	9.693	93	273606	37.01	ng		98
29) 2,4-Dichlorophenol	9.952	162	201568	34.44	ng		96
30) 1,2,4-Trichlorobenzene	10.134	180	230070	33.13	ng		98
31) Naphthalene	10.316	128	681957	36.26	ng		99
32) Benzoic acid	9.693	122	41872	19.26	ng	#	77
33) 4-Chloroaniline	10.452	127	101121	12.66	ng	#	91
34) Hexachlorobutadiene	10.605	225	152798	32.24	ng		98
35) Caprolactam	11.216	113	60036	30.74	ng		79
36) 4-Chloro-3-methylphenol	11.604	107	225984	35.81	ng		87
37) 2-Methylnaphthalene	11.940	142	471230	34.59	ng	#	96
38) 1-Methylnaphthalene	12.163	142	441287	34.11	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.328	216	253683	38.13	ng		98
41) Hexachlorocyclopentadiene	12.304	237	88949	47.91	ng		99
43) 2,4,6-Trichlorophenol	12.587	196	147720	34.34	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.675	196	155810	35.21	ng	#	93
46) 1,1'-Biphenyl	12.975	154	582081	38.41	ng		98
47) 2-Chloronaphthalene	13.016	162	454843	36.24	ng		97
48) 2-Nitroaniline	13.234	65	131349	41.36	ng	#	67
49) Acenaphthylene	13.869	152	686642	35.81	ng		99
50) Dimethylphthalate	13.616	163	676188	41.67	ng		100
51) 2,6-Dinitrotoluene	13.740	165	120437	34.63	ng	#	70
52) Acenaphthene	14.210	154	424305	36.36	ng		99
53) 3-Nitroaniline	14.081	138	66400	17.62	ng	#	71
54) 2,4-Dinitrophenol	14.316	184	71292	46.64	ng	#	77
55) Dibenzofuran	14.551	168	659790	35.42	ng		92
56) 4-Nitrophenol	14.440	139	130015	56.44	ng	#	56
57) 2,4-Dinitrotoluene	14.551	165	158023	32.76	ng	#	47
58) Fluorene	15.204	166	526647	35.80	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.804	232	127708	30.70	ng		96
60) Diethylphthalate	14.993	149	552321	33.37	ng		99
61) 4-Chlorophenyl-phenyle...	15.204	204	272249	33.90	ng		96
62) 4-Nitroaniline	15.251	138	101859	25.47	ng	#	67
63) Azobenzene	15.498	77	510879	40.49	ng		89
65) 4,6-Dinitro-2-methylph...	15.334	198	66901	32.53	ng		91
66) n-Nitrosodiphenylamine	15.422	169	449765	39.28	ng		100
67) 4-Bromophenyl-phenylether	16.098	248	169273	35.93	ng		93
68) Hexachlorobenzene	16.228	284	193151	34.51	ng		94
69) Atrazine	16.387	200	116831	26.01	ng		98
70) Pentachlorophenol	16.587	266	123442	53.80	ng		98
71) Phenanthrene	16.951	178	889406	41.94	ng		100
72) Anthracene	17.045	178	807468	38.64	ng		99
73) Carbazole	17.322	167	685780	34.55	ng		99
74) Di-n-butylphthalate	17.886	149	861833	33.96	ng	#	98
75) Fluoranthene	18.939	202	984019	36.90	ng		99
77) Benzidine	19.128	184	195970	19.85	ng		99
78) Pyrene	19.292	202	974244	49.06	ng		100
80) Butylbenzylphthalate	20.175	149	343021	37.76	ng	#	88
81) Benzo(a)anthracene	20.998	228	773971	37.60	ng		99
82) 3,3'-Dichlorobenzidine	20.933	252	210336	26.44	ng		98
83) Chrysene	21.051	228	736563	37.25	ng		99
84) Bis(2-ethylhexyl)phtha...	20.939	149	457776	35.79	ng		99
85) Di-n-octyl phthalate	21.786	149	800376	34.25	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.386	276	1184886	40.60	ng		96
88) Benzo(b)fluoranthene	22.533	252	920457	37.85	ng		99
89) Benzo(k)fluoranthene	22.574	252	829597	35.60	ng		99
90) Benzo(a)pyrene	23.092	252	856981	37.38	ng		98
91) Dibenzo(a,h)anthracene	25.386	278	957298	39.75	ng	#	96
92) Benzo(g,h,i)perylene	26.057	276	1058420	44.02	ng		96

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

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