Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100720\
Data File : BP003555.D
Acq On : 07 Oct 2020 16:30
Operator : CG/JU
Sample : PB132184BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB132184BS

Quant Time: Oct 07 17:11:42 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	71922	20.00	ng		-0.01
21) Naphthalene-d8	10.263	136	287504	20.00	ng		#-0.01
39) Acenaphthene-d10	14.151	164	166205	20.00	ng		0.00
64) Phenanthrene-d10	16.910	188	348011	20.00	ng		# 0.00
76) Chrysene-d12	21.022	240	376821	20.00	ng		0.00
86) Perylene-d12	23.186	264	416873	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.099	112	646808	157.03	ng		-0.01
7) Phenol-d6	6.699	99	843512	153.64	ng		0.00
23) Nitrobenzene-d5	8.646	82	560986	114.63	ng		0.00
42) 2,4,6-Tribromophenol	15.657	330	334153	131.82	ng		0.00
45) 2-Fluorobiphenyl	12.763	172	1183025	104.10	ng		-0.01
79) Terphenyl-d14	19.492	244	1834668	101.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.993	88	57911	34.21	ng		99
3) Pyridine	3.387	79	150160	33.32	ng		95
4) n-Nitrosodimethylamine	3.311	42	62886	46.65	ng		79
6) Aniline	6.822	93	296479	47.03	ng		91
8) 2-Chlorophenol	7.064	128	223655	48.75	ng		88
9) Benzaldehyde	6.640	77	110633	36.13	ng		84
10) Phenol	6.722	94	274311	52.31	ng		84
11) bis(2-Chloroethyl)ether	6.922	93	209574	50.43	ng		93
12) 1,3-Dichlorobenzene	7.375	146	241945	44.11	ng	#	92
13) 1,4-Dichlorobenzene	7.522	146	244509	44.07	ng	#	94
14) 1,2-Dichlorobenzene	7.834	146	232759	43.71	ng		95
15) Benzyl Alcohol	7.746	79	187080	51.28	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.028	45	161829	53.56	ng		92
17) 2-Methylphenol	7.963	107	187180	49.36	ng	#	93
18) Hexachloroethane	8.552	117	96866	46.85	ng		92
19) n-Nitroso-di-n-propyla...	8.299	70	156631	53.25	ng	#	93
20) 3+4-Methylphenols	8.293	107	245992	48.75	ng	#	87
22) Acetophenone	8.311	105	327721	46.41	ng	#	91
24) Nitrobenzene	8.687	77	254627	52.00	ng	#	82
25) Isophorone	9.210	82	443099	49.40	ng	#	91
26) 2-Nitrophenol	9.399	139	119852	44.81	ng	#	72
27) 2,4-Dimethylphenol	9.481	122	186003	49.18	ng		90
28) bis(2-Chloroethoxy)met...	9.693	93	274870	46.04	ng		97
29) 2,4-Dichlorophenol	9.952	162	200307	42.38	ng		94
30) 1,2,4-Trichlorobenzene	10.140	180	225908	40.29	ng		99
31) Naphthalene	10.310	128	665537	43.82	ng		100
32) Benzoic acid	9.699	122	37185	20.27	ng	#	76
33) 4-Chloroaniline	10.446	127	220413	34.16	ng	#	92
34) Hexachlorobutadiene	10.605	225	146482	38.27	ng		98
35) Caprolactam	11.216	113	62993	39.94	ng	#	78
36) 4-Chloro-3-methylphenol	11.604	107	230262	45.19	ng		86
37) 2-Methylnaphthalene	11.940	142	469986	42.72	ng	#	96
38) 1-Methylnaphthalene	12.163	142	446282	42.72	ng		99
40) 1,2,4,5-Tetrachloroben...	12.328	216	243091	44.67	ng	#	98
41) Hexachlorocyclopentadiene	12.304	237	116412	65.69	ng		99
43) 2,4,6-Trichlorophenol	12.587	196	145879	41.47	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.675	196	153861	42.51	ng	#	93
46) 1,1'-Biphenyl	12.975	154	570812	46.05	ng		98
47) 2-Chloronaphthalene	13.016	162	451708	44.00	ng		96
48) 2-Nitroaniline	13.234	65	136045	52.37	ng	#	69
49) Acenaphthylene	13.869	152	701228	44.71	ng		99
50) Dimethylphthalate	13.616	163	571635	43.07	ng		100
51) 2,6-Dinitrotoluene	13.740	165	126951	44.63	ng	#	68
52) Acenaphthene	14.216	154	423499	44.37	ng		99
53) 3-Nitroaniline	14.075	138	108565	35.22	ng	#	74
54) 2,4-Dinitrophenol	14.316	184	92642	69.83	ng	#	78
55) Dibenzofuran	14.557	168	670053	43.98	ng		95
56) 4-Nitrophenol	14.440	139	136661	72.53	ng	#	56
57) 2,4-Dinitrotoluene	14.551	165	173884	44.07	ng	#	49
58) Fluorene	15.204	166	536542	44.59	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.804	232	137706	40.47	ng	#	94
60) Diethylphthalate	14.993	149	581904	42.98	ng		98
61) 4-Chlorophenyl-phenyle...	15.204	204	281058	42.79	ng		97
62) 4-Nitroaniline	15.251	138	124360	38.01	ng	#	66
63) Azobenzene	15.498	77	550521	53.35	ng		88
65) 4,6-Dinitro-2-methylph...	15.334	198	89001	48.46	ng		88
66) n-Nitrosodiphenylamine	15.422	169	478358	46.79	ng		100
67) 4-Bromophenyl-phenylether	16.098	248	179738	42.73	ng		92
68) Hexachlorobenzene	16.228	284	205995	41.22	ng		94
69) Atrazine	16.387	200	159881	39.87	ng		98
70) Pentachlorophenol	16.587	266	121261	58.51	ng		100
71) Phenanthrene	16.951	178	843714	44.56	ng		99
72) Anthracene	17.045	178	869613	46.60	ng		99
73) Carbazole	17.322	167	799836	45.13	ng		99
74) Di-n-butylphthalate	17.886	149	979831	43.24	ng	#	99
75) Fluoranthene	18.939	202	1036774	43.55	ng		99
77) Benzidine	19.128	184	545069	46.65	ng		99
78) Pyrene	19.292	202	1064512	45.30	ng		100
80) Butylbenzylphthalate	20.175	149	468990	43.62	ng	#	85
81) Benzo(a)anthracene	21.004	228	1074725	44.12	ng		100
82) 3,3'-Dichlorobenzidine	20.939	252	371964	39.51	ng		99
83) Chrysene	21.057	228	1051424	44.93	ng		100
84) Bis(2-ethylhexyl)phtha...	20.939	149	677675	44.77	ng		98
85) Di-n-octyl phthalate	21.786	149	1242270	44.91	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.392	276	1561137	49.41	ng		98
88) Benzo(b)fluoranthene	22.539	252	1262531	47.96	ng		99
89) Benzo(k)fluoranthene	22.580	252	1146698	45.45	ng		100
90) Benzo(a)pyrene	23.092	252	1142321	46.02	ng		99
91) Dibenzo(a,h)anthracene	25.392	278	1311971	50.32	ng		98
92) Benzo(g,h,i)perylene	26.057	276	1301457	50.00	ng		98

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

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