Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003973.D
Acq On : 17 Nov 2020 13:47
Operator : CG/JU
Sample : PB132993BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB132993BS

Quant Time: Nov 17 16:43:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	143688	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	574291	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	344923	20.00	ng	0.00
64) Phenanthrene-d10	17.640	188	702417	20.00	ng	# 0.00
76) Chrysene-d12	21.675	240	605099	20.00	ng	0.00
86) Perylene-d12	24.157	264	601925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	1189995	138.22	ng	0.00
7) Phenol-d6	7.452	99	1534220	124.14	ng	0.00
23) Nitrobenzene-d5	9.446	82	976339	83.26	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	543218	125.92	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	2063383	83.63	ng	0.00
79) Terphenyl-d14	20.139	244	2588854	82.66	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.493	88	125237	33.72	ng	# 59
3) Pyridine	3.928	79	390325	35.83	ng	# 61
4) n-Nitrosodimethylamine	3.828	42	235510	46.96	ng	# 54
6) Aniline	7.581	93	465285	33.16	ng	# 84
8) 2-Chlorophenol	7.852	128	466895	51.08	ng	# 80
9) Benzaldehyde	7.381	77	85679	12.12	ng	# 77
10) Phenol	7.481	94	603379	50.59	ng	83
11) bis(2-Chloroethyl)ether	7.669	93	461230	48.12	ng	# 80
12) 1,3-Dichlorobenzene	8.175	146	501914	44.81	ng	# 95
13) 1,4-Dichlorobenzene	8.316	146	512734	45.40	ng	96
14) 1,2-Dichlorobenzene	8.646	146	493479	45.75	ng	97
15) Benzyl Alcohol	8.516	79	439715	51.37	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.805	45	726050	44.97	ng	81
17) 2-Methylphenol	8.740	107	396940	50.69	ng	# 93
18) Hexachloroethane	9.393	117	189497	47.21	ng	97
19) n-Nitroso-di-n-propyla...	9.081	70	364805	49.39	ng	# 74
20) 3+4-Methylphenols	9.069	107	533462	51.04	ng	94
22) Acetophenone	9.099	105	693477	44.99	ng	# 85
24) Nitrobenzene	9.487	77	543141	46.61	ng	# 81
25) Isophorone	10.011	82	962130	48.31	ng	# 90
26) 2-Nitrophenol	10.210	139	251853	55.35	ng	# 72
27) 2,4-Dimethylphenol	10.281	122	420811	55.44	ng	92
28) bis(2-Chloroethoxy)met...	10.487	93	592075	43.32	ng	98
29) 2,4-Dichlorophenol	10.769	162	442404	48.37	ng	96
30) 1,2,4-Trichlorobenzene	10.981	180	485225	43.55	ng	98
31) Naphthalene	11.163	128	1377596	44.70	ng	100
32) Benzoic acid	10.452	122	173615	35.25	ng	# 78
33) 4-Chloroaniline	11.252	127	310076	23.68	ng	# 89
34) Hexachlorobutadiene	11.475	225	306541	42.18	ng	98
35) Caprolactam	11.999	113	138382	48.93	ng	# 18
36) 4-Chloro-3-methylphenol	12.387	107	477883	48.40	ng	89
37) 2-Methylnaphthalene	12.752	142	986248	44.72	ng	98
38) 1-Methylnaphthalene	12.969	142	919291	43.70	ng	98
40) 1,2,4,5-Tetrachloroben...	13.128	216	533334	46.72	ng	98
41) Hexachlorocyclopentadiene	13.122	237	617051	107.14	ng	98
43) 2,4,6-Trichlorophenol	13.357	196	345228	48.92	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	366077	49.27	ng	#	96
46) 1,1'-Biphenyl	13.740	154	1238044	46.24	ng		98
47) 2-Chloronaphthalene	13.787	162	969834	44.15	ng		98
48) 2-Nitroaniline	13.969	65	321896	49.10	ng	#	60
49) Acenaphthylene	14.628	152	1494329	46.32	ng		100
50) Dimethylphthalate	14.334	163	1210472	44.90	ng		100
51) 2,6-Dinitrotoluene	14.451	165	273502	49.44	ng	#	73
52) Acenaphthene	14.969	154	1063454	49.49	ng		97
53) 3-Nitroaniline	14.781	138	185772	30.34	ng	#	77
54) 2,4-Dinitrophenol	14.998	184	250288	80.46	ng	#	83
55) Dibenzofuran	15.298	168	1450237	45.42	ng		99
56) 4-Nitrophenol	15.116	139	416558	94.38	ng	#	65
57) 2,4-Dinitrotoluene	15.246	165	370943	49.94	ng	#	75
58) Fluorene	15.945	166	1163155	45.49	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.534	232	310103	46.30	ng		98
60) Diethylphthalate	15.687	149	1210898	45.87	ng		100
61) 4-Chlorophenyl-phenyle...	15.922	204	617663	44.21	ng		98
62) 4-Nitroaniline	15.945	138	265080	41.52	ng		86
63) Azobenzene	16.216	77	1157566	46.44	ng		84
65) 4,6-Dinitro-2-methylph...	16.022	198	195239	51.15	ng	#	81
66) n-Nitrosodiphenylamine	16.134	169	1028590	47.84	ng		98
67) 4-Bromophenyl-phenylether	16.816	248	374705	45.59	ng		99
68) Hexachlorobenzene	16.981	284	415309	44.29	ng		98
69) Atrazine	17.069	200	314378	44.53	ng		98
70) Pentachlorophenol	17.310	266	397098	88.52	ng		99
71) Phenanthrene	17.681	178	1785930	45.30	ng		99
72) Anthracene	17.769	178	1830415	48.08	ng		99
73) Carbazole	18.022	167	1622396	45.93	ng		99
74) Di-n-butylphthalate	18.539	149	1997700	48.85	ng	#	99
75) Fluoranthene	19.616	202	2042242	44.90	ng		99
77) Benzidine	19.763	184	645744	45.24	ng		100
78) Pyrene	19.963	202	2043782	49.77	ng		99
80) Butylbenzylphthalate	20.786	149	842012	55.03	ng	#	86
81) Benzo(a)anthracene	21.657	228	1860484	46.62	ng		98
82) 3,3'-Dichlorobenzidine	21.569	252	475300	34.53	ng		100
83) Chrysene	21.716	228	1782994	46.50	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1215912	53.91	ng		99
85) Di-n-octyl phthalate	22.469	149	2042452	54.36	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.733	276	2012463	46.35	ng		99
88) Benzo(b)fluoranthene	23.404	252	1807756	45.89	ng		99
89) Benzo(k)fluoranthene	23.451	252	1768549	45.47	ng		99
90) Benzo(a)pyrene	24.051	252	1637526	44.91	ng		100
91) Dibenzo(a,h)anthracene	26.733	278	1704274	47.09	ng		99
92) Benzo(g,h,i)perylene	27.527	276	1686783	48.15	ng		98

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

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