Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111320\
Data File : BP003957.D
Acq On : 13 Nov 2020 16:29
Operator : CG/JU
Sample : PB132993BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB132993BS

Quant Time: Nov 13 17:52:34 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	8.281	152	137650	20.00	ng		0.00
21) Naphthalene-d8	11.116	136	536629	20.00	ng	#	0.00
39) Acenaphthene-d10	14.904	164	325986	20.00	ng		0.00
64) Phenanthrene-d10	17.639	188	675890	20.00	ng	#	0.00
76) Chrysene-d12	21.674	240	567623	20.00	ng		0.00
86) Perylene-d12	24.156	264	570484	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.804	112	1112981	134.95	ng		0.00
7) Phenol-d6	7.457	99	1430736	120.85	ng		0.00
23) Nitrobenzene-d5	9.445	82	911857	83.22	ng		0.00
42) 2,4,6-Tribromophenol	16.392	330	531939	130.46	ng		0.00
45) 2-Fluorobiphenyl	13.528	172	1944100	83.37	ng		0.00
79) Terphenyl-d14	20.139	244	2577180	87.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	127312	35.78	ng	#	60
3) Pyridine	3.928	79	394976	37.85	ng	#	61
4) n-Nitrosodimethylamine	3.828	42	226335	47.11	ng	#	50
6) Aniline	7.587	93	421476	31.35	ng	#	82
8) 2-Chlorophenol	7.851	128	441014	50.36	ng	#	79
9) Benzaldehyde	7.381	77	82234	12.15	ng	#	80
10) Phenol	7.481	94	555295	48.61	ng		81
11) bis(2-Chloroethyl)ether	7.669	93	434967	47.37	ng	#	80
12) 1,3-Dichlorobenzene	8.175	146	485940	45.28	ng	#	93
13) 1,4-Dichlorobenzene	8.316	146	491269	45.41	ng		96
14) 1,2-Dichlorobenzene	8.651	146	470683	45.55	ng		97
15) Benzyl Alcohol	8.516	79	412336	50.28	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.810	45	678147	43.85	ng		81
17) 2-Methylphenol	8.745	107	374261	49.89	ng	#	93
18) Hexachloroethane	9.392	117	182493	47.46	ng		98
19) n-Nitroso-di-n-propyla...	9.087	70	338362	47.82	ng	#	75
20) 3+4-Methylphenols	9.075	107	499751	49.91	ng		93
22) Acetophenone	9.104	105	651791	45.25	ng	#	85
24) Nitrobenzene	9.487	77	507331	46.59	ng	#	79
25) Isophorone	10.016	82	906434	48.70	ng	#	91
26) 2-Nitrophenol	10.216	139	238102	56.00	ng	#	76
27) 2,4-Dimethylphenol	10.281	122	397876	56.10	ng		90
28) bis(2-Chloroethoxy)met...	10.487	93	554023	43.38	ng		98
29) 2,4-Dichlorophenol	10.769	162	416960	48.79	ng		95
30) 1,2,4-Trichlorobenzene	10.981	180	459008	44.08	ng		100
31) Naphthalene	11.163	128	1298482	45.09	ng		100
32) Benzoic acid	10.445	122	143689	32.17	ng	#	72
33) 4-Chloroaniline	11.257	127	283188	23.14	ng	#	88
34) Hexachlorobutadiene	11.475	225	294603	43.38	ng		99
35) Caprolactam	11.998	113	134355	50.84	ng	#	9
36) 4-Chloro-3-methylphenol	12.386	107	451047	48.89	ng		90
37) 2-Methylnaphthalene	12.751	142	924872	44.88	ng		97
38) 1-Methylnaphthalene	12.969	142	862763	43.89	ng		98
40) 1,2,4,5-Tetrachloroben...	13.133	216	501439	46.48	ng		98
41) Hexachlorocyclopentadiene	13.122	237	591593	108.69	ng		99
43) 2,4,6-Trichlorophenol	13.357	196	324088	48.59	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.439	196	347079	49.43	ng	#	96
46) 1,1'-Biphenyl	13.739	154	1169669	46.22	ng		98
47) 2-Chloronaphthalene	13.786	162	922069	44.41	ng		99
48) 2-Nitroaniline	13.969	65	310287	50.08	ng	#	58
49) Acenaphthylene	14.628	152	1423844	46.70	ng		100
50) Dimethylphthalate	14.333	163	1158278	45.46	ng		100
51) 2,6-Dinitrotoluene	14.451	165	262480	50.20	ng	#	72
52) Acenaphthene	14.969	154	1001256	49.30	ng		97
53) 3-Nitroaniline	14.780	138	170494	29.46	ng	#	71
54) 2,4-Dinitrophenol	14.998	184	234485	79.97	ng	#	80
55) Dibenzofuran	15.298	168	1384742	45.89	ng		99
56) 4-Nitrophenol	15.116	139	395025	94.70	ng	#	61
57) 2,4-Dinitrotoluene	15.245	165	362952	51.70	ng	#	74
58) Fluorene	15.945	166	1114355	46.12	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.539	232	295235	46.64	ng		97
60) Diethylphthalate	15.692	149	1165297	46.71	ng		99
61) 4-Chlorophenyl-phenyle...	15.922	204	592174	44.85	ng		97
62) 4-Nitroaniline	15.945	138	262660	43.53	ng		87
63) Azobenzene	16.216	77	1102218	46.79	ng		84
65) 4,6-Dinitro-2-methylph...	16.022	198	188994	51.41	ng	#	80
66) n-Nitrosodiphenylamine	16.133	169	991031	47.90	ng		98
67) 4-Bromophenyl-phenylether	16.816	248	362571	45.85	ng		98
68) Hexachlorobenzene	16.980	284	403116	44.67	ng		95
69) Atrazine	17.069	200	311357	45.84	ng		99
70) Pentachlorophenol	17.310	266	370858	85.92	ng		99
71) Phenanthrene	17.680	178	1748163	46.08	ng		99
72) Anthracene	17.769	178	1797906	49.07	ng		99
73) Carbazole	18.027	167	1621815	47.72	ng		98
74) Di-n-butylphthalate	18.539	149	1955093	49.69	ng	#	99
75) Fluoranthene	19.615	202	2033198	46.45	ng		99
77) Benzidine	19.763	184	600649	44.86	ng		99
78) Pyrene	19.963	202	2056426	53.39	ng		99
80) Butylbenzylphthalate	20.780	149	795232	55.40	ng	#	84
81) Benzo(a)anthracene	21.657	228	1784067	47.66	ng		99
82) 3,3'-Dichlorobenzidine	21.568	252	412760	31.97	ng		99
83) Chrysene	21.715	228	1698984	47.24	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1127841	53.31	ng		99
85) Di-n-octyl phthalate	22.468	149	1960110	55.61	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.733	276	1908648	46.38	ng		98
88) Benzo(b)fluoranthene	23.404	252	1742190	46.67	ng		100
89) Benzo(k)fluoranthene	23.451	252	1668399	45.26	ng		99
90) Benzo(a)pyrene	24.051	252	1541574	44.61	ng		99
91) Dibenzo(a,h)anthracene	26.727	278	1620600	47.24	ng		97
92) Benzo(g,h,i)perylene	27.521	276	1606264	48.37	ng		97

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

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