Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111320\
Data File : BP003953.D
Acq On : 13 Nov 2020 14:13
Operator : CG/JU
Sample : PB132989BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB132989BS

Quant Time: Nov 13 14:59:11 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	154541	20.00	ng		0.00
21) Naphthalene-d8	11.116	136	582436	20.00	ng	#	0.00
39) Acenaphthene-d10	14.910	164	352663	20.00	ng		0.00
64) Phenanthrene-d10	17.639	188	702668	20.00	ng	#	0.00
76) Chrysene-d12	21.675	240	615826	20.00	ng		0.00
86) Perylene-d12	24.157	264	640111	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	861749	93.07	ng		0.00
7) Phenol-d6	7.458	99	1101816	82.89	ng		0.00
23) Nitrobenzene-d5	9.452	82	1225154	103.02	ng		0.00
42) 2,4,6-Tribromophenol	16.392	330	387030	87.74	ng		0.00
45) 2-Fluorobiphenyl	13.528	172	2598432	103.01	ng		0.00
79) Terphenyl-d14	20.139	244	3769528	118.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	134346	33.63	ng	#	59
3) Pyridine	3.928	79	419171	35.78	ng	#	59
4) n-Nitrosodimethylamine	3.828	42	242892	45.03	ng	#	49
6) Aniline	7.587	93	401574	26.61	ng	#	83
8) 2-Chlorophenol	7.852	128	472498	48.06	ng	#	81
9) Benzaldehyde	7.381	77	87048	11.29	ng	#	78
10) Phenol	7.481	94	596176	46.48	ng		82
11) bis(2-Chloroethyl)ether	7.669	93	472279	45.81	ng	#	80
12) 1,3-Dichlorobenzene	8.175	146	524832	43.56	ng	#	93
13) 1,4-Dichlorobenzene	8.316	146	531269	43.74	ng		96
14) 1,2-Dichlorobenzene	8.652	146	500435	43.13	ng		97
15) Benzyl Alcohol	8.516	79	436501	47.41	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.811	45	723376	41.66	ng		82
17) 2-Methylphenol	8.746	107	395520	46.96	ng	#	93
18) Hexachloroethane	9.393	117	198518	45.99	ng		96
19) n-Nitroso-di-n-propyla...	9.087	70	362683	45.65	ng	#	76
20) 3+4-Methylphenols	9.075	107	533269	47.44	ng		93
22) Acetophenone	9.105	105	697178	44.60	ng	#	85
24) Nitrobenzene	9.493	77	544111	46.04	ng	#	80
25) Isophorone	10.016	82	974851	48.26	ng	#	90
26) 2-Nitrophenol	10.216	139	255951	55.46	ng	#	75
27) 2,4-Dimethylphenol	10.281	122	422178	54.85	ng		89
28) bis(2-Chloroethoxy)met...	10.487	93	590026	42.57	ng		98
29) 2,4-Dichlorophenol	10.769	162	445575	48.04	ng		94
30) 1,2,4-Trichlorobenzene	10.981	180	491463	43.49	ng		99
31) Naphthalene	11.163	128	1383679	44.27	ng		100
32) Benzoic acid	10.452	122	159011	32.64	ng	#	72
33) 4-Chloroaniline	11.257	127	298075	22.44	ng	#	89
34) Hexachlorobutadiene	11.475	225	316038	42.88	ng		99
35) Caprolactam	12.004	113	141273	49.26	ng	#	19
36) 4-Chloro-3-methylphenol	12.387	107	478782	47.81	ng		89
37) 2-Methylnaphthalene	12.751	142	995062	44.49	ng		97
38) 1-Methylnaphthalene	12.969	142	925861	43.40	ng		99
40) 1,2,4,5-Tetrachloroben...	13.134	216	539673	46.24	ng		98
41) Hexachlorocyclopentadiene	13.122	237	647387	109.94	ng		99
43) 2,4,6-Trichlorophenol	13.357	196	346202	47.98	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	366163	48.20	ng	#	96
46) 1,1'-Biphenyl	13.740	154	1243011	45.41	ng		98
47) 2-Chloronaphthalene	13.787	162	979461	43.61	ng		98
48) 2-Nitroaniline	13.969	65	324146	48.36	ng	#	58
49) Acenaphthylene	14.628	152	1509995	45.78	ng		100
50) Dimethylphthalate	14.340	163	1220012	44.26	ng		99
51) 2,6-Dinitrotoluene	14.451	165	278729	49.28	ng	#	72
52) Acenaphthene	14.969	154	1067157	48.57	ng		99
53) 3-Nitroaniline	14.787	138	175840	28.09	ng	#	76
54) 2,4-Dinitrophenol	14.998	184	252059	79.62	ng	#	76
55) Dibenzofuran	15.298	168	1459785	44.72	ng		98
56) 4-Nitrophenol	15.116	139	417915	92.61	ng	#	60
57) 2,4-Dinitrotoluene	15.245	165	379782	50.01	ng	#	73
58) Fluorene	15.945	166	1176303	45.00	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.540	232	309784	45.24	ng		97
60) Diethylphthalate	15.693	149	1225853	45.42	ng		100
61) 4-Chlorophenyl-phenyle...	15.922	204	622423	43.57	ng		99
62) 4-Nitroaniline	15.945	138	273563	41.91	ng		86
63) Azobenzene	16.216	77	1161126	45.56	ng		84
65) 4,6-Dinitro-2-methylph...	16.022	198	202293	52.75	ng	#	78
66) n-Nitrosodiphenylamine	16.134	169	1046691	48.66	ng		98
67) 4-Bromophenyl-phenylether	16.816	248	384619	46.78	ng		99
68) Hexachlorobenzene	16.981	284	422359	45.02	ng		94
69) Atrazine	17.069	200	328160	46.47	ng		98
70) Pentachlorophenol	17.316	266	392888	87.55	ng		99
71) Phenanthrene	17.681	178	1748551	44.34	ng		100
72) Anthracene	17.775	178	1826774	47.96	ng		99
73) Carbazole	18.028	167	1617065	45.76	ng		98
74) Di-n-butylphthalate	18.539	149	1939094	47.40	ng	#	99
75) Fluoranthene	19.616	202	2049796	45.05	ng		99
77) Benzidine	19.763	184	609357	41.95	ng		99
78) Pyrene	19.969	202	2147375	51.38	ng		99
80) Butylbenzylphthalate	20.780	149	863700	55.46	ng	#	83
81) Benzo(a)anthracene	21.657	228	1839651	45.30	ng		99
82) 3,3'-Dichlorobenzidine	21.569	252	410252	29.29	ng		100
83) Chrysene	21.716	228	1736254	44.50	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1192249	51.94	ng		100
85) Di-n-octyl phthalate	22.469	149	1878821	49.13	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.733	276	1974042	42.75	ng		98
88) Benzo(b)fluoranthene	23.404	252	1820020	43.45	ng		100
89) Benzo(k)fluoranthene	23.451	252	1797555	43.46	ng		99
90) Benzo(a)pyrene	24.051	252	1668693	43.03	ng		99
91) Dibenzo(a,h)anthracene	26.733	278	1678105	43.60	ng		98
92) Benzo(g,h,i)perylene	27.527	276	1594184	42.79	ng		96

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

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