Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110620\
Data File : BP003855.D
Acq On : 07 Nov 2020 03:03
Operator : CG/JU
Sample : L4625-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CONTAINER-001-A-B-COMPMSD

Quant Time: Nov 07 05:05:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.305	152	164210	20.00	ng		0.00
21) Naphthalene-d8	11.134	136	627951	20.00	ng		# 0.00
39) Acenaphthene-d10	14.922	164	380144	20.00	ng		0.00
64) Phenanthrene-d10	17.645	188	791432	20.00	ng		# 0.00
76) Chrysene-d12	21.669	240	728318	20.00	ng		0.00
86) Perylene-d12	24.145	264	760116	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.828	112	1193166	121.27	ng		0.00
7) Phenol-d6	7.475	99	1413082	100.05	ng		0.00
23) Nitrobenzene-d5	9.469	82	1076284	83.94	ng		0.00
42) 2,4,6-Tribromophenol	16.398	330	690730	145.27	ng		0.00
45) 2-Fluorobiphenyl	13.545	172	2342449	86.15	ng		0.00
79) Terphenyl-d14	20.139	244	3313568	87.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	147611	34.77	ng	#	1
3) Pyridine	3.964	79	425285	34.16	ng	#	60
4) n-Nitrosodimethylamine	3.858	42	241231	42.09	ng	#	55
6) Aniline	7.610	93	385105	24.01	ng	#	83
8) 2-Chlorophenol	7.875	128	521943	49.97	ng		81
9) Benzaldehyde	7.405	77	119491	15.49	ng	#	78
10) Phenol	7.499	94	582934	42.77	ng		82
11) bis(2-Chloroethyl)ether	7.693	93	518471	47.33	ng	#	81
12) 1,3-Dichlorobenzene	8.199	146	575445	44.95	ng	#	94
13) 1,4-Dichlorobenzene	8.340	146	587295	45.50	ng		95
14) 1,2-Dichlorobenzene	8.675	146	565598	45.88	ng		97
15) Benzyl Alcohol	8.540	79	493974	50.50	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.834	45	769431	41.70	ng		83
17) 2-Methylphenol	8.763	107	430266	48.08	ng	#	94
18) Hexachloroethane	9.416	117	199968	43.60	ng		96
19) n-Nitroso-di-n-propyla...	9.110	70	408835	48.43	ng	#	78
20) 3+4-Methylphenols	9.093	107	562517	47.09	ng		93
22) Acetophenone	9.122	105	798152	47.35	ng	#	86
24) Nitrobenzene	9.510	77	612555	48.07	ng	#	82
25) Isophorone	10.034	82	1098908	50.46	ng	#	90
26) 2-Nitrophenol	10.234	139	277854	55.85	ng	#	74
27) 2,4-Dimethylphenol	10.299	122	462881	55.78	ng		93
28) bis(2-Chloroethoxy)met...	10.510	93	673157	45.04	ng		97
29) 2,4-Dichlorophenol	10.787	162	512392	51.24	ng		96
30) 1,2,4-Trichlorobenzene	11.004	180	566007	46.46	ng		97
31) Naphthalene	11.187	128	1601264	47.52	ng		100
32) Benzoic acid	10.457	122	248402	43.56	ng	#	76
33) 4-Chloroaniline	11.275	127	168023	11.73	ng	#	90
34) Hexachlorobutadiene	11.498	225	359211	45.20	ng		100
35) Caprolactam	12.010	113	115815	37.45	ng	#	18
36) 4-Chloro-3-methylphenol	12.398	107	538688	49.90	ng		88
37) 2-Methylnaphthalene	12.769	142	1160816	48.14	ng		97
38) 1-Methylnaphthalene	12.987	142	1079173	46.92	ng		97
40) 1,2,4,5-Tetrachloroben...	13.145	216	641146	50.96	ng		99
41) Hexachlorocyclopentadiene	13.140	237	320466	50.49	ng		100
43) 2,4,6-Trichlorophenol	13.375	196	412122	52.99	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.451	196	440879	53.84	ng		97
46) 1,1'-Biphenyl	13.757	154	1449293	49.11	ng		98
47) 2-Chloronaphthalene	13.804	162	1143256	47.22	ng		100
48) 2-Nitroaniline	13.987	65	371140	51.37	ng	#	62
49) Acenaphthylene	14.645	152	1750131	49.22	ng		100
50) Dimethylphthalate	14.351	163	1556016	52.37	ng		99
51) 2,6-Dinitrotoluene	14.463	165	312985	51.33	ng	#	75
52) Acenaphthene	14.986	154	1124720	47.49	ng		95
53) 3-Nitroaniline	14.792	138	182006	26.97	ng	#	75
54) 2,4-Dinitrophenol	14.998	184	89167	35.35	ng	#	1
55) Dibenzofuran	15.310	168	1706844	48.51	ng		100
56) 4-Nitrophenol	15.116	139	456724	93.90	ng	#	63
57) 2,4-Dinitrotoluene	15.251	165	421919	51.54	ng	#	76
58) Fluorene	15.957	166	1381336	49.02	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.545	232	385879	52.27	ng		97
60) Diethylphthalate	15.698	149	1385625	47.63	ng		100
61) 4-Chlorophenyl-phenyle...	15.934	204	734666	47.71	ng		97
62) 4-Nitroaniline	15.951	138	280565	39.88	ng		89
63) Azobenzene	16.228	77	1299485	47.30	ng		87
65) 4,6-Dinitro-2-methylph...	16.022	198	82135	23.07	ng	#	80
66) n-Nitrosodiphenylamine	16.145	169	1213877	50.10	ng		97
67) 4-Bromophenyl-phenylether	16.822	248	455775	49.22	ng		96
68) Hexachlorobenzene	16.986	284	507623	48.04	ng		98
69) Atrazine	17.075	200	365296	45.93	ng		98
70) Pentachlorophenol	17.316	266	570225	112.82	ng		99
71) Phenanthrene	17.686	178	2142173	48.23	ng		99
72) Anthracene	17.775	178	2191370	51.08	ng		99
73) Carbazole	18.028	167	1975047	49.63	ng		98
74) Di-n-butylphthalate	18.545	149	2347037	50.94	ng	#	99
75) Fluoranthene	19.616	202	2485895	48.50	ng		99
77) Benzidine	19.763	184	991930	57.74	ng		100
78) Pyrene	19.963	202	2531724	51.22	ng		99
80) Butylbenzylphthalate	20.780	149	1031566	56.01	ng	#	84
81) Benzo(a)anthracene	21.651	228	2376406	49.48	ng		99
82) 3,3'-Dichlorobenzidine	21.563	252	798562	48.20	ng		99
83) Chrysene	21.710	228	2255755	48.88	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1482552	54.61	ng		98
85) Di-n-octyl phthalate	22.463	149	2540652	56.18	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.715	276	2673539	48.76	ng		97
88) Benzo(b)fluoranthene	23.398	252	2356696	47.38	ng		99
89) Benzo(k)fluoranthene	23.445	252	2340712	47.66	ng		98
90) Benzo(a)pyrene	24.039	252	2135439	46.37	ng		98
91) Dibenzo(a,h)anthracene	26.715	278	2279298	49.87	ng		97
92) Benzo(g,h,i)perylene	27.503	276	2259329	51.07	ng		97

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

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