Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003912.D
Acq On : 10 Nov 2020 20:43
Operator : CG/JU
Sample : L4681-07MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-DMSD

Quant Time: Nov 11 00:13:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:41:24 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.281	152	183568	20.00	ng		0.00
21) Naphthalene-d8	11.116	136	641076	20.00	ng	#	0.00
39) Acenaphthene-d10	14.904	164	313855	20.00	ng		0.00
64) Phenanthrene-d10	17.633	188	620850	20.00	ng	#	0.00
76) Chrysene-d12	21.662	240	589539	20.00	ng		0.00
86) Perylene-d12	24.139	264	649828	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.804	112	1058126	96.20	ng		0.00
7) Phenol-d6	7.457	99	1304034	82.59	ng		0.00
23) Nitrobenzene-d5	9.445	82	844273	64.50	ng		0.00
42) 2,4,6-Tribromophenol	16.386	330	379531	96.68	ng		0.00
45) 2-Fluorobiphenyl	13.528	172	1623717	72.33	ng		0.00
79) Terphenyl-d14	20.127	244	1711006	56.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.499	88	203287	42.84	ng	#	59
3) Pyridine	3.934	79	583235	41.91	ng	#	59
4) n-Nitrosodimethylamine	3.834	42	303777	47.41	ng	#	53
6) Aniline	7.587	93	348622	19.45	ng	#	83
8) 2-Chlorophenol	7.851	128	532043	45.56	ng	#	79
9) Benzaldehyde	7.381	77	113379	12.66	ng	#	79
10) Phenol	7.481	94	694953	45.61	ng		83
11) bis(2-Chloroethyl)ether	7.669	93	546428	44.62	ng	#	80
12) 1,3-Dichlorobenzene	8.175	146	642747	44.91	ng	#	93
13) 1,4-Dichlorobenzene	8.316	146	647638	44.89	ng		96
14) 1,2-Dichlorobenzene	8.651	146	610168	44.28	ng		97
15) Benzyl Alcohol	8.516	79	492624	45.05	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.810	45	861773	41.78	ng		82
17) 2-Methylphenol	8.745	107	436244	43.61	ng	#	93
18) Hexachloroethane	9.392	117	230676	44.99	ng		97
19) n-Nitroso-di-n-propyla...	9.087	70	407037	43.13	ng	#	75
20) 3+4-Methylphenols	9.075	107	573035	42.91	ng		91
22) Acetophenone	9.104	105	786059	45.68	ng	#	85
24) Nitrobenzene	9.487	77	613877	47.19	ng	#	79
25) Isophorone	10.016	82	1064910	47.90	ng	#	89
26) 2-Nitrophenol	10.210	139	283071	55.73	ng	#	73
27) 2,4-Dimethylphenol	10.281	122	448844	52.98	ng		92
28) bis(2-Chloroethoxy)met...	10.487	93	654573	42.90	ng		98
29) 2,4-Dichlorophenol	10.769	162	465620	45.61	ng		96
30) 1,2,4-Trichlorobenzene	10.981	180	552562	44.42	ng		99
31) Naphthalene	11.163	128	1539833	44.76	ng		100
32) Benzoic acid	10.439	122	217409	38.53	ng	#	79
33) 4-Chloroaniline	11.251	127	241937	16.55	ng	#	89
34) Hexachlorobutadiene	11.475	225	356746	43.97	ng		100
35) Caprolactam	11.998	113	136924	43.37	ng	#	11
36) 4-Chloro-3-methylphenol	12.386	107	482809	43.81	ng		89
37) 2-Methylnaphthalene	12.751	142	1056196	42.90	ng		98
38) 1-Methylnaphthalene	12.969	142	973953	41.48	ng		99
40) 1,2,4,5-Tetrachloroben...	13.128	216	568745	54.75	ng		99
41) Hexachlorocyclopentadiene	13.116	237	322345	61.51	ng		98
43) 2,4,6-Trichlorophenol	13.357	196	353082	54.99	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.433	196	365043	53.99	ng	#	95
46) 1,1'-Biphenyl	13.733	154	1278507	52.48	ng		97
47) 2-Chloronaphthalene	13.786	162	999545	50.00	ng		99
48) 2-Nitroaniline	13.969	65	317699	53.26	ng	#	60
49) Acenaphthylene	14.627	152	1374830	46.84	ng		100
50) Dimethylphthalate	14.333	163	1249324	50.93	ng		99
51) 2,6-Dinitrotoluene	14.451	165	233119	46.31	ng	#	77
52) Acenaphthene	14.969	154	877762	44.89	ng		97
53) 3-Nitroaniline	14.780	138	141141	25.33	ng	#	79
54) 2,4-Dinitrophenol	14.986	184	105902	46.45	ng	#	18
55) Dibenzofuran	15.292	168	1279367	44.04	ng		99
56) 4-Nitrophenol	15.110	139	367839	91.59	ng	#	64
57) 2,4-Dinitrotoluene	15.239	165	313519	46.39	ng	#	77
58) Fluorene	15.939	166	1029924	44.27	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.533	232	276042	45.29	ng		97
60) Diethylphthalate	15.686	149	1021404	42.52	ng		99
61) 4-Chlorophenyl-phenyle...	15.922	204	542294	42.66	ng		95
62) 4-Nitroaniline	15.939	138	187195	32.23	ng		87
63) Azobenzene	16.210	77	962083	42.42	ng		84
65) 4,6-Dinitro-2-methylph...	16.016	198	92648	30.40	ng		86
66) n-Nitrosodiphenylamine	16.127	169	890457	46.85	ng		98
67) 4-Bromophenyl-phenylether	16.810	248	331027	45.57	ng		98
68) Hexachlorobenzene	16.974	284	363727	43.88	ng		98
69) Atrazine	17.063	200	260038	41.68	ng		98
70) Pentachlorophenol	17.304	266	385916	97.33	ng		99
71) Phenanthrene	17.674	178	1611583	46.25	ng		99
72) Anthracene	17.763	178	1622134	48.20	ng		99
73) Carbazole	18.016	167	1424412	45.62	ng		98
74) Di-n-butylphthalate	18.533	149	1677890	46.42	ng	#	99
75) Fluoranthene	19.610	202	1887709	46.95	ng		99
77) Benzidine	19.757	184	1008162	72.50	ng		99
78) Pyrene	19.957	202	1977628	49.43	ng		98
80) Butylbenzylphthalate	20.774	149	747061	50.11	ng	#	85
81) Benzo(a)anthracene	21.645	228	1851032	47.61	ng		98
82) 3,3'-Dichlorobenzidine	21.557	252	588028	43.85	ng		99
83) Chrysene	21.704	228	1770287	47.39	ng		98
84) Bis(2-ethylhexyl)phtha...	21.527	149	1080958	49.19	ng		100
85) Di-n-octyl phthalate	22.456	149	1913655	52.28	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.709	276	2180767	46.52	ng		97
88) Benzo(b)fluoranthene	23.392	252	2005534	47.16	ng		99
89) Benzo(k)fluoranthene	23.439	252	1745712	41.58	ng		98
90) Benzo(a)pyrene	24.033	252	1740402	44.21	ng		98
91) Dibenzo(a,h)anthracene	26.703	278	1811171	46.35	ng		97
92) Benzo(g,h,i)perylene	27.491	276	1859457	49.16	ng		97

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

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