Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122320\
Data File : BP004423.D
Acq On : 23 Dec 2020 14:38
Operator : CG/JU
Sample : L5186-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-138KV-YARDMSD

Quant Time: Dec 23 15:04:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 10:27:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	265023	20.00	ng		0.00
21) Naphthalene-d8	10.622	136	941143	20.00	ng		# 0.00
39) Acenaphthene-d10	14.475	164	499245	20.00	ng		0.00
64) Phenanthrene-d10	17.234	188	965065	20.00	ng		# 0.00
76) Chrysene-d12	21.328	240	1057660	20.00	ng		0.00
86) Perylene-d12	23.686	264	1284421	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.417	112	1770344	109.46	ng		0.00
7) Phenol-d6	6.999	99	2256079	99.08	ng		0.00
23) Nitrobenzene-d5	8.987	82	1393854	70.40	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	773176	116.07	ng		0.00
45) 2-Fluorobiphenyl	13.093	172	2813476	71.42	ng		0.00
79) Terphenyl-d14	19.804	244	3529072	63.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	242556	31.64	ng	#	90
3) Pyridine	3.734	79	654743	31.48	ng		94
4) n-Nitrosodimethylamine	3.652	42	228779	34.07	ng	#	87
6) Aniline	7.158	93	615484	23.45	ng		93
8) 2-Chlorophenol	7.393	128	683851	39.61	ng		88
9) Benzaldehyde	6.969	77	201478	14.19	ng		83
10) Phenol	7.028	94	1054053	46.84	ng		95
11) bis(2-Chloroethyl)ether	7.252	93	690275	36.89	ng		91
12) 1,3-Dichlorobenzene	7.716	146	842946	37.89	ng	#	96
13) 1,4-Dichlorobenzene	7.864	146	849486	37.93	ng		98
14) 1,2-Dichlorobenzene	8.181	146	802470	37.82	ng		99
15) Benzyl Alcohol	8.063	79	537909	38.00	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.358	45	740495	31.03	ng		92
17) 2-Methylphenol	8.269	107	541601	37.74	ng		97
18) Hexachloroethane	8.905	117	305067	37.62	ng		98
19) n-Nitroso-di-n-propyla...	8.634	70	460316	34.18	ng	#	88
20) 3+4-Methylphenols	8.599	107	717385	37.63	ng		97
22) Acetophenone	8.646	105	970619	38.21	ng	#	94
24) Nitrobenzene	9.028	77	736774	37.77	ng	#	86
25) Isophorone	9.552	82	1255776	38.59	ng	#	92
26) 2-Nitrophenol	9.740	139	354580	44.86	ng	#	88
27) 2,4-Dimethylphenol	9.799	122	563775	45.91	ng		96
28) bis(2-Chloroethoxy)met...	10.034	93	809255	34.94	ng		98
29) 2,4-Dichlorophenol	10.275	162	598981	41.51	ng		97
30) 1,2,4-Trichlorobenzene	10.487	180	727148	37.68	ng		98
31) Naphthalene	10.675	128	2029443	37.94	ng		100
32) Benzoic acid	9.928	122	319817	40.38	ng		87
33) 4-Chloroaniline	10.781	127	304519	14.10	ng	#	94
34) Hexachlorobutadiene	10.957	225	464180	38.39	ng		98
35) Caprolactam	11.546	113	172732	36.44	ng	#	57
36) 4-Chloro-3-methylphenol	11.916	107	566423	39.12	ng		96
37) 2-Methylnaphthalene	12.287	142	1367316	36.58	ng		98
38) 1-Methylnaphthalene	12.510	142	1265906	35.70	ng		98
40) 1,2,4,5-Tetrachloroben...	12.663	216	755280	41.83	ng		99
41) Hexachlorocyclopentadiene	12.640	237	954156	105.37	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	459854	42.07	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	481609	41.44	ng		97
46) 1,1'-Biphenyl	13.304	154	1664844	39.47	ng		98
47) 2-Chloronaphthalene	13.346	162	1317868	38.08	ng		100
48) 2-Nitroaniline	13.551	65	325575	34.26	ng	#	74
49) Acenaphthylene	14.193	152	1995301	39.18	ng		99
50) Dimethylphthalate	13.934	163	1606007	39.09	ng		99
51) 2,6-Dinitrotoluene	14.051	165	346354	40.11	ng	#	85
52) Acenaphthene	14.540	154	1167453	36.74	ng		100
53) 3-Nitroaniline	14.381	138	191635	20.26	ng		86
54) 2,4-Dinitrophenol	14.593	184	332203	82.39	ng	#	88
55) Dibenzofuran	14.875	168	1877536	37.34	ng		99
56) 4-Nitrophenol	14.698	139	550772	77.79	ng	#	82
57) 2,4-Dinitrotoluene	14.845	165	452055	37.39	ng	#	84
58) Fluorene	15.528	166	1448910	36.71	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	410943	41.11	ng		93
60) Diethylphthalate	15.304	149	1424842	36.16	ng		98
61) 4-Chlorophenyl-phenyle...	15.522	204	775601	36.11	ng		95
62) 4-Nitroaniline	15.545	138	288926	29.27	ng		89
63) Azobenzene	15.816	77	1303148	34.72	ng		91
65) 4,6-Dinitro-2-methylph...	15.616	198	233872	49.07	ng		92
66) n-Nitrosodiphenylamine	15.740	169	1258253	41.37	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	479124	39.83	ng		98
68) Hexachlorobenzene	16.540	284	540150	37.64	ng		98
69) Atrazine	16.698	200	369535	37.55	ng		98
70) Pentachlorophenol	16.887	266	592389	87.09	ng		99
71) Phenanthrene	17.281	178	2197418	37.87	ng		100
72) Anthracene	17.369	178	2244162	40.95	ng		100
73) Carbazole	17.639	167	1973711	38.88	ng		100
74) Di-n-butylphthalate	18.198	149	2216053	40.25	ng		99
75) Fluoranthene	19.251	202	2665432	39.99	ng		99
77) Benzidine	19.428	184	1227165	67.05	ng		97
78) Pyrene	19.604	202	2746898	38.11	ng		100
80) Butylbenzylphthalate	20.475	149	1027545	38.70	ng	#	86
81) Benzo(a)anthracene	21.316	228	2904683	39.99	ng		100
82) 3,3'-Dichlorobenzidine	21.245	252	452512	20.68	ng		99
83) Chrysene	21.369	228	2799740	40.01	ng		99
84) Bis(2-ethylhexyl)phtha...	21.239	149	1552483	37.68	ng		99
85) Di-n-octyl phthalate	22.145	149	2818361	41.74	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.121	276	4388157	44.69	ng		98
88) Benzo(b)fluoranthene	22.974	252	3527016	41.67	ng		99
89) Benzo(k)fluoranthene	23.022	252	3179093	37.83	ng		99
90) Benzo(a)pyrene	23.586	252	3173161	41.12	ng		99
91) Dibenzo(a,h)anthracene	26.133	278	3586932	44.43	ng		98
92) Benzo(g,h,i)perylene	26.863	276	3734979	47.39	ng		99

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

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