Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101520\
Data File : BP003622.D
Acq On : 15 Oct 2020 13:31
Operator : CG/JU
Sample : PB132232BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB132232BSD

Quant Time: Oct 15 14:20:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 17:03:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	125081	20.00	ng	0.00
21) Naphthalene-d8	11.393	136	432819	20.00	ng	# 0.00
39) Acenaphthene-d10	15.146	164	267988	20.00	ng	0.00
64) Phenanthrene-d10	17.863	188	545292	20.00	ng	0.00
76) Chrysene-d12	21.875	240	483889	20.00	ng	# 0.00
86) Perylene-d12	24.451	264	457693	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	824783	113.36	ng	0.00
7) Phenol-d6	7.687	99	1077672	101.69	ng	0.00
23) Nitrobenzene-d5	9.710	82	667275	71.48	ng	0.00
42) 2,4,6-Tribromophenol	16.616	330	389959	109.14	ng	0.00
45) 2-Fluorobiphenyl	13.775	172	1368041	66.97	ng	0.00
79) Terphenyl-d14	20.322	244	1827346	68.32	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.699	88	122798	39.40	ng	# 86
3) Pyridine	4.140	79	344276	37.91	ng	# 91
4) n-Nitrosodimethylamine	4.028	42	163026	41.77	ng	# 58
6) Aniline	7.834	93	363436	29.30	ng	# 85
8) 2-Chlorophenol	8.105	128	317138	42.87	ng	80
9) Benzaldehyde	7.634	77	184827	32.50	ng	# 77
10) Phenol	7.711	94	422063	41.24	ng	76
11) bis(2-Chloroethyl)ether	7.922	93	332084	40.42	ng	90
12) 1,3-Dichlorobenzene	8.434	146	384299	39.96	ng	# 90
13) 1,4-Dichlorobenzene	8.575	146	388260	40.24	ng	# 94
14) 1,2-Dichlorobenzene	8.916	146	367521	39.71	ng	# 93
15) Benzyl Alcohol	8.769	79	339526	39.88	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	9.069	45	306506	36.43	ng	98
17) 2-Methylphenol	8.987	107	277343	39.99	ng	# 88
18) Hexachloroethane	9.669	117	149198	39.78	ng	95
19) n-Nitroso-di-n-propyla...	9.346	70	264954	37.50	ng	# 85
20) 3+4-Methylphenols	9.316	107	369539	40.03	ng	92
22) Acetophenone	9.363	105	519120	40.62	ng	# 88
24) Nitrobenzene	9.752	77	401919	43.73	ng	# 75
25) Isophorone	10.281	82	696487	39.98	ng	# 89
26) 2-Nitrophenol	10.481	139	150753	54.24	ng	# 64
27) 2,4-Dimethylphenol	10.534	122	279462	48.68	ng	# 81
28) bis(2-Chloroethoxy)met...	10.752	93	410000	38.28	ng	97
29) 2,4-Dichlorophenol	11.034	162	307167	42.87	ng	95
30) 1,2,4-Trichlorobenzene	11.257	180	380731	40.06	ng	99
31) Naphthalene	11.440	128	946076	40.77	ng	99
32) Benzoic acid	10.669	122	130381	42.81	ng	# 67
33) 4-Chloroaniline	11.522	127	176015	17.57	ng	# 86
34) Hexachlorobutadiene	11.752	225	274435	38.95	ng	99
35) Caprolactam	12.246	113	80835	35.60	ng	# 58
36) 4-Chloro-3-methylphenol	12.622	107	324865	39.72	ng	# 82
37) 2-Methylnaphthalene	13.004	142	676872	39.21	ng	# 95
38) 1-Methylnaphthalene	13.222	142	626386	38.60	ng	# 99
40) 1,2,4,5-Tetrachloroben...	13.381	216	446180	43.91	ng	# 98
41) Hexachlorocyclopentadiene	13.375	237	677908	119.72	ng	99
43) 2,4,6-Trichlorophenol	13.599	196	248215	44.05	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.669	196	264750	44.74	ng	#	94
46) 1,1'-Biphenyl	13.981	154	859554	41.51	ng		98
47) 2-Chloronaphthalene	14.034	162	681634	39.54	ng		98
48) 2-Nitroaniline	14.204	65	188361	39.25	ng	#	58
49) Acenaphthylene	14.869	152	1009048	40.18	ng		100
50) Dimethylphthalate	14.569	163	827074	37.59	ng		98
51) 2,6-Dinitrotoluene	14.681	165	175201	44.21	ng	#	60
52) Acenaphthene	15.210	154	704300	43.05	ng		85
53) 3-Nitroaniline	15.010	138	93425	23.38	ng	#	59
54) 2,4-Dinitrophenol	15.210	184	156536	78.22	ng	#	1
55) Dibenzofuran	15.534	168	992745	39.04	ng		97
56) 4-Nitrophenol	15.310	139	247944	86.42	ng	#	43
57) 2,4-Dinitrotoluene	15.463	165	230341	40.49	ng	#	66
58) Fluorene	16.175	166	797956	38.79	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.763	232	232619	42.75	ng		94
60) Diethylphthalate	15.910	149	793737	36.70	ng		98
61) 4-Chlorophenyl-phenyle...	16.151	204	466774	38.30	ng		96
62) 4-Nitroaniline	16.163	138	153008	34.42	ng	#	55
63) Azobenzene	16.445	77	786126	37.78	ng		86
65) 4,6-Dinitro-2-methylph...	16.234	198	111515	47.44	ng		88
66) n-Nitrosodiphenylamine	16.357	169	683331	41.96	ng		99
67) 4-Bromophenyl-phenylether	17.040	248	292374	40.84	ng		99
68) Hexachlorobenzene	17.204	284	324743	39.73	ng		97
69) Atrazine	17.281	200	217268	34.23	ng		98
70) Pentachlorophenol	17.528	266	356052	95.74	ng		99
71) Phenanthrene	17.904	178	1195437	39.46	ng		99
72) Anthracene	17.992	178	1220093	41.29	ng		99
73) Carbazole	18.234	167	1014482	38.02	ng		99
74) Di-n-butylphthalate	18.739	149	1235292	38.00	ng	#	98
75) Fluoranthene	19.816	202	1394703	37.19	ng		98
77) Benzidine	19.951	184	514689	45.37	ng		99
78) Pyrene	20.163	202	1399907	43.53	ng		99
80) Butylbenzylphthalate	20.963	149	481954	42.90	ng	#	80
81) Benzo(a)anthracene	21.857	228	1279727	39.33	ng		98
82) 3,3'-Dichlorobenzidine	21.757	252	280851	24.41	ng	#	99
83) Chrysene	21.910	228	1229199	39.93	ng		99
84) Bis(2-ethylhexyl)phtha...	21.716	149	706849	41.46	ng		98
85) Di-n-octyl phthalate	22.680	149	1145115	41.60	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.151	276	1334825	38.43	ng	#	91
88) Benzo(b)fluoranthene	23.663	252	1274126	40.06	ng	#	97
89) Benzo(k)fluoranthene	23.710	252	1208158	40.46	ng	#	97
90) Benzo(a)pyrene	24.339	252	1096771	38.29	ng	#	97
91) Dibenzo(a,h)anthracene	27.145	278	1125908	38.86	ng	#	95
92) Benzo(g,h,i)perylene	27.980	276	1080415	39.51	ng	#	92

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

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