Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101420\
Data File : BP003609.D
Acq On : 14 Oct 2020 13:40
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICCC040

Quant Time: Oct 14 14:57:38 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 14:53:26 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.546	152	84461	20.00	ng	# 0.00
21) Naphthalene-d8	11.393	136	312233	20.00	ng	# 0.00
39) Acenaphthene-d10	15.151	164	211653	20.00	ng	0.00
64) Phenanthrene-d10	17.863	188	474197	20.00	ng	0.00
76) Chrysene-d12	21.880	240	491675	20.00	ng	# 0.00
86) Perylene-d12	24.462	264	481174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	389306	80.48	ng	0.00
7) Phenol-d6	7.681	99	566862	87.92	ng	0.00
23) Nitrobenzene-d5	9.710	82	534979	100.66	ng	0.00
42) 2,4,6-Tribromophenol	16.616	330	219982	68.14	ng	0.00
45) 2-Fluorobiphenyl	13.775	172	1236948	85.47	ng	0.00
79) Terphenyl-d14	20.333	244	2110620	89.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.693	88	81120	40.81	ng	# 85
3) Pyridine	4.134	79	240519	45.45	ng	# 88
4) n-Nitrosodimethylamine	4.028	42	102856	64.97	ng	# 64
6) Aniline	7.840	93	328489	44.37	ng	# 85
8) 2-Chlorophenol	8.105	128	196405	36.46	ng	# 80
9) Benzaldehyde	7.634	77	151556	42.15	ng	# 76
10) Phenol	7.710	94	270187	43.87	ng	76
11) bis(2-Chloroethyl)ether	7.922	93	217655	44.60	ng	89
12) 1,3-Dichlorobenzene	8.440	146	252626	39.22	ng	# 91
13) 1,4-Dichlorobenzene	8.581	146	258581	39.69	ng	# 94
14) 1,2-Dichlorobenzene	8.916	146	241995	38.69	ng	# 92
15) Benzyl Alcohol	8.769	79	226770	52.93	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	9.069	45	220923	62.26	ng	96
17) 2-Methylphenol	8.987	107	184714	41.48	ng	# 88
18) Hexachloroethane	9.669	117	98712	40.66	ng	100
19) n-Nitroso-di-n-propyla...	9.346	70	182998	52.98	ng	# 86
20) 3+4-Methylphenols	9.316	107	246204	41.54	ng	91
22) Acetophenone	9.363	105	353956	46.16	ng	# 87
24) Nitrobenzene	9.751	77	259736	48.84	ng	# 74
25) Isophorone	10.281	82	487533	50.05	ng	# 88
26) 2-Nitrophenol	10.481	139	84298	29.02	ng	# 65
27) 2,4-Dimethylphenol	10.534	122	159407	38.81	ng	# 81
28) bis(2-Chloroethoxy)met...	10.751	93	294785	45.47	ng	97
29) 2,4-Dichlorophenol	11.034	162	202362	39.43	ng	95
30) 1,2,4-Trichlorobenzene	11.257	180	261463	42.94	ng	98
31) Naphthalene	11.446	128	647365	39.25	ng	100
32) Benzoic acid	10.657	122	81623	32.80	ng	# 70
33) 4-Chloroaniline	11.522	127	279004	39.82	ng	# 87
34) Hexachlorobutadiene	11.757	225	195851	47.12	ng	99
35) Caprolactam	12.234	113	64473	37.64	ng	# 50
36) 4-Chloro-3-methylphenol	12.616	107	229303	41.44	ng	84
37) 2-Methylnaphthalene	13.010	142	474404	39.70	ng	# 95
38) 1-Methylnaphthalene	13.222	142	448686	39.55	ng	# 99
40) 1,2,4,5-Tetrachloroben...	13.381	216	309428	44.65	ng	98
41) Hexachlorocyclopentadiene	13.375	237	177601	104.20	ng	99
43) 2,4,6-Trichlorophenol	13.598	196	173123	38.64	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.669	196	183985	39.92	ng	#	94
46) 1,1'-Biphenyl	13.987	154	623928	39.53	ng		98
47) 2-Chloronaphthalene	14.034	162	519337	39.73	ng		98
48) 2-Nitroaniline	14.204	65	140106	42.35	ng	#	58
49) Acenaphthylene	14.869	152	764873	38.30	ng		99
50) Dimethylphthalate	14.569	163	662195	39.18	ng		99
51) 2,6-Dinitrotoluene	14.681	165	125993	34.78	ng	#	58
52) Acenaphthene	15.210	154	493785	40.62	ng		93
53) 3-Nitroaniline	15.010	138	127565	32.49	ng	#	60
54) 2,4-Dinitrophenol	15.210	184	45844	34.11	ng	#	1
55) Dibenzofuran	15.539	168	764518	39.41	ng		98
56) 4-Nitrophenol	15.310	139	90107	37.56	ng	#	40
57) 2,4-Dinitrotoluene	15.463	165	169153	33.67	ng	#	66
58) Fluorene	16.181	166	623668	40.70	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.763	232	168842	38.96	ng		93
60) Diethylphthalate	15.916	149	652909	37.87	ng		97
61) 4-Chlorophenyl-phenyle...	16.157	204	367726	43.96	ng		96
62) 4-Nitroaniline	16.163	138	142436	34.19	ng	#	53
63) Azobenzene	16.445	77	626808	47.70	ng		85
65) 4,6-Dinitro-2-methylph...	16.233	198	71208	28.46	ng		91
66) n-Nitrosodiphenylamine	16.363	169	542544	38.95	ng		99
67) 4-Bromophenyl-phenylether	17.045	248	237944	41.51	ng		98
68) Hexachlorobenzene	17.210	284	272049	39.95	ng		98
69) Atrazine	17.281	200	214261	39.21	ng		98
70) Pentachlorophenol	17.528	266	125656	51.01	ng		99
71) Phenanthrene	17.910	178	1012594	39.25	ng		99
72) Anthracene	17.992	178	987395	38.83	ng		99
73) Carbazole	18.239	167	887917	36.76	ng		99
74) Di-n-butylphthalate	18.745	149	1103726	35.75	ng	#	98
75) Fluoranthene	19.822	202	1249524	38.52	ng		98
77) Benzidine	19.957	184	493717	32.38	ng		99
78) Pyrene	20.169	202	1265253	41.26	ng		98
80) Butylbenzylphthalate	20.969	149	458153	32.66	ng	#	79
81) Benzo(a)anthracene	21.863	228	1270737	39.98	ng		99
82) 3,3'-Dichlorobenzidine	21.763	252	458850	37.35	ng		99
83) Chrysene	21.921	228	1201421	39.34	ng		98
84) Bis(2-ethylhexyl)phtha...	21.727	149	683857	34.63	ng		99
85) Di-n-octyl phthalate	22.692	149	1109496	30.74	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.168	276	1425664	39.09	ng	#	92
88) Benzo(b)fluoranthene	23.674	252	1296305	42.66	ng	#	97
89) Benzo(k)fluoranthene	23.721	252	1217432	41.81	ng	#	97
90) Benzo(a)pyrene	24.351	252	1177252	41.09	ng	#	97
91) Dibenzo(a,h)anthracene	27.168	278	1192680	39.63	ng	#	95
92) Benzo(g,h,i)perylene	27.998	276	1122525	37.36	ng	#	92

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

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